NET 1 UEPS TECHNOLOGIES INC
Form 10-Q
February 07, 2019

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

(Mark One)

[X] QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended December 31, 2018

OR

[ ] TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES AND EXCHANGE ACT OF 1934

For the transition period from ___________ To ___________

Commission file number: **000-31203**

NET 1 UEPS TECHNOLOGIES, INC.

(Exact name of registrant as specified in its charter)

Florida	**98-0171860**
(State or other jurisdiction of incorporation or organization)	(IRS Employer Identification No.)

President Place, 4th Floor, Cnr. Jan Smuts Avenue and Bolton Road
Rosebank, Johannesburg 2196, South Africa
(Address of principal executive offices, including zip code)

Registrant's telephone number, including area code: **27-11-343-2000**

Not Applicable
(Former Name, Former Address and Former Fiscal Year, if Changed Since Last Report)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. YES [X] NO [ ]

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). YES [X] NO [ ]

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act (check one):

[ ] Large accelerated filer [X] Accelerated filer

[ ] Non-accelerated filer [ ] Smaller reporting company

[ ] Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.[ ]

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). YES [ ] NO [X]

As of February 5, 2019 (the latest practicable date), 56,833,925 shares of the registrant’s common stock, par value $0.001 per share, net of treasury shares, were outstanding.

Form 10-Q

NET 1 UEPS TECHNOLOGIES, INC.

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Part I. Financial Information

Item 1. Financial Statements

NET 1 UEPS TECHNOLOGIES, INC.
Unaudited Condensed Consolidated Balance Sheets

	Unaudited December 31, 2018	**(A) June 30, 2018**
	(In thousands, except share data)	
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents	$69,910	$90,054
Restricted cash (Note 10)	63,131	-
Pre-funded social welfare grants receivable (Note 2)	-	2,965
Accounts receivable, net (Note 3)	105,007	109,683
Finance loans receivable, net (Note 3)	25,122	62,205
Inventory (Note 4)	10,272	12,887
Total current assets before settlement assets	273,442	277,794
Settlement assets (Note 5)	65,765	149,047
Total current assets	339,207	426,841
PROPERTY, PLANT AND EQUIPMENT, net of accumulated depreciation of – December: $132,191; June: $129,185	23,739	27,054
EQUITY-ACCOUNTED INVESTMENTS (Note 7)	93,561	88,331
GOODWILL (Note 8)	267,964	283,240
INTANGIBLE ASSETS, net (Note 8)	115,250	131,132
DEFERRED INCOME TAXES	20,826	6,312
OTHER LONG-TERM ASSETS, including reinsurance assets (Note 7 and Note 9)	219,577	256,380
TOTAL ASSETS	1,080,124	1,219,290
LIABILITIES		
CURRENT LIABILITIES		
Short-term credit facilities for ATM funding (Note 10)	63,131	-
Accounts payable	20,939	35,055
Other payables	73,464	47,994
Current portion of long-term borrowings (Note 10)	24,660	44,695
Income taxes payable	6,770	5,742
Total current liabilities before settlement obligations	188,964	133,486
Settlement obligations (Note 5)	65,765	149,047
Total current liabilities	254,729	282,533
DEFERRED INCOME TAXES	52,376	46,606
LONG-TERM BORROWINGS (Note 10)	10,395	5,469
OTHER LONG-TERM LIABILITIES, including insurance policy liabilities (Note 9)	2,515	38,580

TOTAL LIABILITIES	320,015	373,188
COMMITMENTS AND CONTINGENCIES (Note 19)		
REDEEMABLE COMMON STOCK	107,672	107,672
EQUITY		
COMMON STOCK (Note 11)		
Authorized: 200,000,000 with $0.001 par value;		
Issued and outstanding shares, net of treasury - December: 56,833,925; June: 56,685,925	80	80
PREFERRED STOCK		
Authorized shares: 50,000,000 with $0.001 par value;		
Issued and outstanding shares, net of treasury: December: -; June: -	-	-
ADDITIONAL PAID-IN-CAPITAL	277,463	276,201
TREASURY SHARES, AT COST: December: 24,891,292; June: 24,891,292	(286,951)	(286,951)
ACCUMULATED OTHER COMPREHENSIVE LOSS (12)	(198,272)	(184,436)
RETAINED EARNINGS	768,485	837,625
TOTAL NET1 EQUITY	560,805	642,519
NON-CONTROLLING INTEREST	91,632	95,911
TOTAL EQUITY	652,437	738,430
TOTAL LIABILITIES, REDEEMABLE COMMON STOCK AND SHAREHOLDERS' EQUITY	$1,080,124	$1,219,290

(A) – Derived from restated audited financial statements filed on Form 10-K/A on December 6, 2018

See Notes to Unaudited Condensed Consolidated Financial Statements

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NET 1 UEPS TECHNOLOGIES, INC.
Unaudited Condensed Consolidated Statements of Operations

	Three months ended		Six months ended	
	December 31,		December 31,	
	2018	2017	2018	2017
	(In thousands, except per share data)		(In thousands, except per share data)	
REVENUE	$97,150	$148,416	$223,034	$300,974
EXPENSE				
Cost of goods sold, IT processing, servicing and support	51,185	73,994	123,501	148,646
Selling, general and administration	70,996	49,392	112,874	93,326
Depreciation and amortization	9,853	8,723	20,647	17,689
Impairment loss (Note 8)	8,191	-	8,191	-
OPERATING (LOSS) INCOME	(43,075)	16,307	(42,179)	41,313
CHANGE IN VALUE OF EQUITY SECURITIES (Note 6 and 7)	(15,836)	-	(15,836)	-
INTEREST INCOME, net of impairment (Note 7)	(331)	4,705	1,545	9,749
INTEREST EXPENSE	2,778	2,325	5,537	4,446
(LOSS) INCOME BEFORE INCOME TAX EXPENSE	(62,020)	18,687	(62,007)	46,616
INCOME TAX (BENEFIT) EXPENSE (Note 17)	(2,298)	10,062	4,192	20,339
NET (LOSS) INCOME BEFORE EARNINGS FROM EQUITY-ACCOUNTED INVESTMENTS	(59,722)	8,625	(66,199)	26,277
(LOSS) EARNINGS FROM EQUITY-ACCOUNTED INVESTMENTS	(1,247)	1,354	126	3,429
NET (LOSS) INCOME	(60,969)	9,979	(66,073)	29,706
LESS NET INCOME ATTRIBUTABLE TO NON-CONTROLLING INTEREST	2,972	357	3,067	601
NET (LOSS) INCOME ATTRIBUTABLE TO NET1	$(63,941)	$9,622	$(69,140)	$29,105
Net (loss) income per share, in U.S. dollars (Note 14)				

Basic (loss) earnings attributable to Net1 shareholders	$(1.13)	$0.17	$(1.22)	$0.51
Diluted (loss) earnings attributable to Net1 shareholders	$(1.12)	$0.17	$(1.22)	$0.51

See Notes to Unaudited Condensed Consolidated Financial Statements

NET 1 UEPS TECHNOLOGIES, INC.
Unaudited Condensed Consolidated Statements of Comprehensive Income

	Three months ended December 31,		**Six months ended December 31,**	
	2018	2017	2018	2017
	(In thousands)		(In thousands)	
Net (loss) income	$(60,969)	$9,979	$(66,073)	$29,706
Other comprehensive (loss) income				
Movement in foreign currency translation reserve	(10,353)	53,517	(23,675)	39,637
Movement in foreign currency translation reserve related to equity-accounted investments	-	-	5,430	(227)
Total other comprehensive (loss) income, net of taxes	(10,353)	53,517	(18,245)	39,410
Comprehensive (loss) income	(71,322)	63,496	(84,318)	69,116
Add (Less) comprehensive loss attributable to non-controlling interest	(1,363)	(668)	1,342	(801)
Comprehensive (loss) income attributable to Net1	$(72,685)	$62,828	$(82,976)	$68,315

See Notes to Unaudited Condensed Consolidated Financial Statements

NET 1 UEPS TECHNOLOGIES, INC.
Unaudited Condensed Consolidated Statement of Changes in Equity

	Net 1 UEPS Technologies, Inc. Shareholders										
	Number of Shares	Amount	Number of Treasury Shares	Treasury Shares	Number of Shares, Net of Treasury	Additional Paid-In Capital	Retained Earnings	Accumulated Other Comprehensive (Loss) Income	Total Net1 Equity	Non-Controlling Interest	Tot
For the three months ended December 31, 2017 (dollar amounts in thousands)											
Balance – October 1, 2017	81,818,988	$80	(24,891,292)	$(286,951)	56,927,696	$274,353	$792,759	$(176,565)	$603,676	$2,899	$60
Stock-based compensation charge (Note 13)						608			608		608
Reversal of stock compensation charge (Note 13)	(95,326)				(95,326)	-			-		-
Net income							9,622		9,622	357	9,97
Other comprehensive income								53,206	53,206	311	53,5
Balance – December 31, 2017	81,723,662	$80	(24,891,292)	$(286,951)	56,832,370	$274,961	$802,381	$(123,359)	$667,112	$3,567	$67
For the six months ended December 31, 2017 (dollar amounts in thousands)											
Balance – July 1, 2017	81,261,029	$80	(24,891,292)	$(286,951)	56,369,737	$273,733	$773,276	$(159,569)	$600,569	$2,766	$60
	588,594				588,594				-		-

Restricted stock granted (Note 13)											
Stock-based compensation charge (Note 13)						1,477			1,477		1,47
Reversal of stock compensation charge (Note 13)	(125,961)				(125,961)	(42)			(42)		(42)
Reversal of stock based-compensation charge related to equity-accounted investment						(207)			(207)		(20
Net income							29,105		29,105	601	29,7
Other comprehensive income								39,210	39,210	200	39,4
Balance – December 31, 2017	81,723,662	$80	(24,891,292)	$(286,951)	56,832,370	$274,961	$802,381	$(126,359)	$664,112	$3,567	$67

See Notes to Unaudited Condensed Consolidated Financial Statements

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NET 1 UEPS TECHNOLOGIES, INC.
Unaudited Condensed Consolidated Statement of Changes in Equity

	Net 1 UEPS Technologies, Inc. Shareholders										
	Number of Shares	Amount	Number of Treasury Shares	Treasury Shares	Number of Shares, Net of Treasury	Additional Paid-In Capital	Retained Earnings	Accumulated Other Comprehensive (Loss) Income	Total Net1 Equity	Non-Controlling Interest	Total
For the three months ended December 31, 2018 (dollar amounts in thousands)											
Balance – October 1, 2018	81,725,217	$80	(24,891,292)	$(286,951)	56,833,925	$276,865	$832,426	$(189,528)	$632,892	$91,477	$724,3
Stock-based compensation charge (Note 13)						598			598		598
Dividends paid to non-controlling interest										(1,208)	(1,208)
Net (loss) income							(63,941)		(63,941)	2,972	(60,969
Other comprehensive loss								(8,744)	(8,744)	(1,609)	(10,353
Balance – December 31, 2018	81,725,217	$80	(24,891,292)	$(286,951)	56,833,925	$277,463	$768,485	$(198,272)	$560,805	$91,632	$652,4
For the six months ended December 31, 2018 (dollar amounts in thousands)											
Balance – July 1, 2018	81,577,217	$80	(24,891,292)	$(286,951)	56,685,925	$276,201	$837,625	$(184,436)	$642,519	$95,911	$738,4

Restricted stock granted (Note 13)	148,000				148,000				-		-
Stock-based compensation charge (Note 13)						1,185			1,185		1,185
Stock-based compensation charge related to equity-accounted investment (Note 7)						77			77		77
Dividends paid to non-controlling interest										(2,937)	(2,937)
Net (loss) income							(69,140)		(69,140)	3,067	(66,073
Other comprehensive loss(Note 12)								(13,836)	(13,836)	(4,409)	(18,245
Balance – December 31, 2018	81,725,217	$80	(24,891,292)	$(286,951)	56,833,925	$277,463	$768,485	[illegible]	[illegible]	$91,632	$652,4

See Notes to Unaudited Condensed Consolidated Financial Statements

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NET 1 UEPS TECHNOLOGIES, INC.
Unaudited Condensed Consolidated Statements of Cash Flows

	Three months ended		**Six months ended**	
	December 31,		**December 31,**	
	2018	2017	2018	2017
	(In thousands)		(In thousands)	
Cash flows from operating activities				
Net (loss) income	$ (60,969)	$ 9,979	$ (66,073)	$ 20,706
Depreciation and amortization	9,853	8,723	20,641	17,689
Impairment loss (Note 8)	8,191	-	8,191	-
Movement in allowance for doubtful accounts receivable	21,368	9,402	23,958	9,465
Loss (Earnings) from equity-accounted investments	1,247	(1,354)	(126)	(3,429)
Interest on Cedar Cell note , net of impairment (Note 7)	1,516	(182)	1,360	(182)
Change in fair value of equity securities (Notes 6 and 7)	15,836	-	15,836	-
Fair value adjustments and re-measurements	83	(190)	1	(99)
Interest payable	131	(159)	241	(247)
Facility fee amortized	68	214	155	347
(Profit) Loss on disposal of property, plant and equipment	(139)	16	(266)	121
Profit on disposal of business	-	(463)	-	(463)
Stock-based compensation charge, net (Note 13)	598	608	1,181	1,435
Dividends received from equity accounted investments	454	1,253	454	2,165
Decrease (Increase) in accounts receivable, pre-funded social welfare grants receivable and finance loans receivable	18,753	(3,397)	28,764	(52,601)
(Increase) Decrease in inventory	(24)	(2,322)	2,161	(3,848)
(Decrease) Increase in accounts payable and other payables	(11,759)	(481)	(19,539)	2,548
(Decrease) Increase in taxes payable	(7,007)	(9,754)	1,347	(916)
(Decrease) Increase in deferred taxes	(3,436)	1,419	(7,042)	408
Net cash (used in) provided by operating activities	(5,236)	13,312	11,212	21,519
Cash flows from investing activities				
Capital expenditures	(2,547)	(2,103)	(5,663)	(3,576)
Proceeds from disposal of property, plant and equipment	212	99	486	415
Acquisition of intangible assets	(1,384)	-	(1,384)	-
Investment in equity of equity-accounted investments (Note 7)	(2,500)	(40,892)	(2,500)	(113,738)
Investment in MobiKwik	(1,056)	-	(1,056)	-
Proceeds on return of investment (Note 7)	-	-	284	-
Investment in Cell C (Note 6)	-	-	-	(151,003)
Acquisition of held to maturity investment (Note 6)	-	(9,000)	-	(9,000)
Other investing activities	-	(154)	-	(154)
Net change in settlement assets (Note 4)	2,031	24,519	77,963	237,168
Net cash (used in) provided by investing activities	(5,244)	(27,531)	68,127	(39,888)
Cash flows from financing activities				
Proceeds from bank overdraft (Note 10)	221,582	690	306,325	23,570

Repayment of bank overdraft (Note 10)	(245,726)	(11,391)	(245,726)	(11,343)
Repayment of long-term borrowings (Note 10)	(13,551)	(30,881)	(23,845)	(41,141)
Long-term borrowings utilized (Note 10)	3,203	-	11,095	94,431
Dividends paid to non-controlling interest	(1,208)	-	(2,937)	-
Payment of guarantee fee (Note 10)	(258)	-	(394)	(552)
Net change in settlement obligations	(2,031)	(24,519)	(77,963)	(227,168)
Net cash used in financing activities	(37,989)	(66,101)	(33,560)	(189,203)
Effect of exchange rate changes on cash	(1,823)	6,857	(2,772)	32,011
Net (decrease) increase in cash, cash equivalents and restricted cash	(50,292)	(73,463)	42,987	(193,561)
Cash, cash equivalents and restricted cash – beginning of period	183,333	138,359	90,054	258,457
Cash, cash equivalents and restricted cash – end of period (1)	$ 133,041	$ 64,896	$ 133,041	$ 64,896

See Notes to Unaudited Condensed Consolidated Financial Statements

(1) Cash, cash equivalents and restricted cash as of December 31, 2018, includes restricted cash of approximately $63.1 million related to cash withdrawn from the Company's various debt facilities to fund ATMs. This cash may only be used to fund ATMs and is considered restricted as to use and therefore is classified as restricted cash. Refer to Note 10 for additional information regarding the Company's facilities.

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NET 1 UEPS TECHNOLOGIES, INC.

Notes to the Unaudited Condensed Consolidated Financial Statements

for the three and six months ended December 31, 2018 and 2017

(All amounts in tables stated in thousands or thousands of U.S. dollars, unless otherwise stated)

1. Basis of Presentation and Summary of Significant Accounting Policies

Unaudited Interim Financial Information

The accompanying unaudited condensed consolidated financial statements include all majority-owned subsidiaries over which the Company exercises control and have been prepared in accordance with U.S. generally accepted accounting principles ("GAAP") and the rules and regulations of the United States Securities and Exchange Commission for Quarterly Reports on Form 10-Q and include all of the information and disclosures required for interim financial reporting. The results of operations for the three and six months ended December 31, 2018 and 2017, are not necessarily indicative of the results for the full year. The Company believes that the disclosures are adequate to make the information presented not misleading.

These financial statements should be read in conjunction with the financial statements, accounting policies and financial notes thereto included in the Company's Annual Report on Form 10-K for the fiscal year ended June 30, 2018. In the opinion of management, the accompanying unaudited condensed consolidated financial statements reflect all adjustments (consisting only of normal recurring adjustments), which are necessary for a fair representation of financial results for the interim periods presented.

References to the "Company" refer to Net1 and its consolidated subsidiaries, collectively, unless the context otherwise requires. References to "Net1" are references solely to Net 1 UEPS Technologies, Inc.

Recent accounting pronouncements adopted

In May 2014, the Financial Accounting Standards Board ("FASB") issued guidance regarding *Revenue from Contracts with Customers*. This guidance requires an entity to recognize revenue when a customer obtains control of promised goods or services in an amount that reflects the consideration which the entity expects to receive in exchange for those goods or services. In addition, the standard requires disclosure of the nature, amount, timing, and uncertainty of revenue and cash flows arising from contracts with customers. The guidance was originally set to be effective for the Company beginning July 1, 2017, however in August 2015, the FASB issued guidance regarding *Revenue from Contracts with Customers, Deferral of the Effective Date*. This guidance deferred the required implementation date specified in *Revenue from Contracts with Customers* to December 2017. Public companies may elect to adopt the standard along the original timeline. The guidance became effective for the Company beginning July 1, 2018. The Company elected the modified retrospective transition method upon adoption of this guidance. The adoption of this guidance did not have a material impact on the Company's financial statements, except for the additional footnote disclosures provided.

In January 2016, the FASB issued guidance regarding *Recognition and Measurement of Financial Assets and Financial Liabilities*. The guidance primarily affects the accounting for equity investments, financial liabilities under the fair value option and the presentation and disclosure requirements for financial instruments. The guidance requires changes in the fair value of the Company's equity investments, with certain exceptions, to be recognized through net income rather than other comprehensive income. In addition, the guidance clarifies the valuation allowance assessment when recognizing deferred tax assets resulting from unrealized losses on available-for-sale debt securities. This guidance became effective for the Company beginning July 1, 2018. The amendments are required to be applied by means of a cumulative-effect adjustment on the balance sheet as of the beginning of the fiscal year of adoption. The adoption of this guidance did not have a material impact on the Company's financial statements.

Equity securities are measured at fair value. The Company may elect to measure equity securities without readily determinable fair values at its cost minus impairment, if any, plus or minus changes resulting from observable price changes in orderly transactions for the identical or a similar investment of the same issuer. We perform a qualitative assessment on a quarterly basis and recognize an impairment loss if there are sufficient indicators that the fair value of the equity security is less than carrying value. There were no changes in the fair value of our equity securities recorded during the three months ended December 31, 2018. Changes in fair value will be recorded in our condensed consolidated statement of operations in future periods within a caption titled "changes in fair value of equity securities".

In June 2016, the FASB issued guidance regarding *Classification of Certain Cash Receipts and Cash Payments*. The guidance is intended to reduce diversity in practice and explains how certain cash receipts and payments are presented and classified in the statement of cash flows, including beneficial interests in securitization, which would impact the presentation of the deferred purchase price from sales of receivables. This guidance became effective for the Company beginning July 1, 2018, and must be applied retrospectively. The Company has elected to classify distributions received from equity method investees using the nature of the distribution approach. This election requires the Company to evaluate each distribution received on the basis of the source of the payment and classify the distribution as either operating cash inflows or investing cash inflows. The adoption of this guidance did not have a material impact on the Company's financial statements and the Company was not required to make any retrospective adjustments.

1. Basis of Presentation and Summary of Significant Accounting Policies (continued)

Recent accounting pronouncements adopted (continued)

In January 2017, the FASB issued guidance regarding *Clarifying the Definition of a Business*. This guidance provides a more robust framework to use in determining when a set of assets and activities is a business. Because the current definition of a business is interpreted broadly and can be difficult to apply, stakeholders indicated that analyzing transactions is inefficient and costly and that the definition does not permit the use of reasonable judgment. The amendments provide more consistency in applying the guidance, reduce the costs of application, and make the definition of a business more operable. The guidance became effective for the Company beginning July 1, 2018. The adoption of this guidance did not have a material impact on the Company's financial statements.

In January 2017, the FASB issued guidance regarding *Simplifying the Test for Goodwill Impairment*. This guidance removes the requirement for an entity to calculate the implied fair value of goodwill (as part of step 2 of the current goodwill impairment test) in measuring a goodwill impairment loss. The guidance is effective for the Company beginning July 1, 2020. Early adoption is permitted for interim or annual goodwill impairment tests performed on testing dates after January 1, 2017. The Company has elected to early adopt this guidance beginning July 1, 2018. The adoption of this guidance did not have a material impact on the Company's financial statements.

In May 2017, the FASB issued guidance regarding *Compensation—Stock Compensation (Topic 718): Scope of Modification Accounting*. The guidance amends the scope of modification accounting for share-based payment arrangements and provides guidance on the types of changes to the terms or conditions of share-based payment awards to which an entity would be required to apply modification accounting under Accounting Standards Codification 718. Specifically, an entity would not apply modification accounting if the fair value, vesting conditions, and classification of the awards are the same immediately before and after the modification. The guidance became effective for the Company beginning July 1, 2018. The adoption of this guidance did not have a material impact on the Company's financial statements.

In June 2018, the FASB issued guidance regarding *Improvements to Non-employee Share-Based Payment Accounting*. The guidance simplifies the accounting for share-based payments granted to non-employees for goods and services and aligns the guidance for these share-based payments with guidance applicable to accounting for share-based payments granted to employees. The guidance is effective for the Company beginning July 1, 2019. Early adoption is permitted. The Company has elected to early adopt this guidance beginning July 1, 2018. The adoption of this guidance did not have a material impact on the Company's financial statements.

Recent accounting pronouncements not yet adopted as of December 31, 2018

In February 2016, the FASB issued guidance regarding *Leases*. The guidance increases transparency and comparability among organizations by requiring the recognition of lease assets and lease liabilities on the balance sheet. The amendments to current lease guidance include the recognition of assets and liabilities by lessees for those leases currently classified as operating leases. The guidance also requires disclosures to meet the objective of enabling users of financial statements to assess the amount, timing, and uncertainty of cash flows arising from leases. This guidance is effective for the Company beginning July 1, 2019. Early adoption is permitted. The Company expects that this guidance may have a material impact on its financial statements and is currently evaluating the impact of this guidance on its financial statements on adoption.

In June 2016, the FASB issued guidance regarding *Measurement of Credit Losses on Financial Instruments*. The guidance replaces the incurred loss impairment methodology in current GAAP with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to inform credit loss estimates. For trade and other receivables, loans, and other financial instruments, an entity is required to use a forward-looking expected loss model rather than the incurred loss model for recognizing credit losses, which reflects losses that are probable. Credit losses relating to available-for-sale debt securities will also be recorded through an allowance for credit losses rather than as a reduction in the amortized cost basis of the securities. This guidance is effective for the Company beginning July 1, 2020. Early adoption is permitted beginning July 1, 2019. The Company is currently assessing the impact of this guidance on its financial statements and related disclosures.

In August 2018, the FASB issued guidance regarding *Disclosure Framework: Changes to the Disclosure Requirements for Fair Value Measurement.* The guidance modifies the disclosure requirements related to fair value measurement. This guidance is effective for the Company beginning July 1, 2020. Early adoption is permitted. The Company is currently assessing the impact of this guidance on its financial statements disclosure.

2. Pre-funded social welfare grants receivable

Pre-funded social welfare grants receivable represents primarily amounts pre-funded by the Company to certain merchants participating in the merchant acquiring system. The Company's contract with the South African Social Security Agency expired on September 30, 2018, and therefore the Company no longer pre-funds social welfare grants. The July 2018 payment service commenced on July 1, 2018 but the Company pre-funded certain merchants participating in the merchant acquiring systems on the last day of June 2018.

3. Accounts receivable, net and finance loans receivable, net

Accounts receivable, net

The Company’s accounts receivable, net, as of December 31, 2018, and June 30, 2018, is presented in the table below:

	December 31, 2018	**June 30, 2018**
Accounts receivable, trade, net	$33,282	$49,365
Accounts receivable, trade, gross	34,613	50,466
Allowance for doubtful accounts receivable, end of period	1,331	1,101
Beginning of year	1,101	1,255
Reversed to statement of operations	(2)	(47)
Charged to statement of operations	2,985	642
Utilized	(2,763)	(776)
Foreign currency adjustment	10	27
Current portion of payments to agents in South Korea amortized over the contract period	19,480	21,971
Payments to agents in South Korea amortized over the contract period	33,822	39,554
Less: Payments to agents in South Korea amortized over the contract period included in other long-term assets (Note 7)	14,341	17,582
Loans provided to Finbond	1,042	1,107
Contingent purchase consideration	6,362	-
Other receivables	44,841	37,240
Total accounts receivable, net	$105,007	$109,683

Finance loans receivable, net

The Company’s finance loans receivable, net, as of December 31, 2018, and June 30, 2018, is presented in the table below:

	December 31, 2018	June 30, 2018
Microlending finance loans receivable, net	$15,609	$57,504
Microlending finance loans receivable, gross	42,829	61,743
Allowance for doubtful microlending finance loans receivable, end of period	27,220	4,239

Beginning of year	4,239	3,717
Charged to statement of operations	27,798	4,348
Utilized	(4,522)	(3,588)
Foreign currency adjustment	(295)	(238)
Working capital finance receivable, net	3,936	3,959
Working capital finance receivable, gross	16,566	16,123
Allowance for doubtful working capital finance receivable, end of period	12,630	12,164
Beginning of year	12,164	3,752
Charged to statement of operations	465	8,415
Foreign currency adjustment	1	(3)
Current portion of other finance loans receivable	5,577	742
Total other finance loans receivable	17,822	13,025
Less included in other long-term assets	12,245	12,283
Total finance loans receivable, net	$25,122	$62,205

During the three and six months ended December 31, 2018, the Company recorded an increase in its allowance for doubtful microlending finance loans receivable of approximately $23.4 million and $27.8 million, respectively, related to the non-funding of accounts for a portion of the EPE customer base as a result of the auto-migration of the customer base to the South Africa Post Office account offering.

4. Inventory

The Company’s inventory comprised the following category as of December 31, 2018, and June 30, 2018.

	December 31, 2018	**June 30, 2018**
Finished goods	$10,272	$12,887
	$10,272	$12,887

5. Settlement assets and settlement obligations

Settlement assets comprise (1) cash received from the South African government that the Company holds pending disbursement to recipient cardholders of social welfare grants and (2) cash received from customers on whose behalf the Company processes payroll payments that the Company will disburse to customer employees, payroll-related payees and other payees designated by the customer.

Settlement obligations comprise (1) amounts that the Company is obligated to disburse to recipient cardholders of social welfare grants, and (2) amounts that the Company is obligated to pay to customer employees, payroll-related payees and other payees designated by the customer.

The balances at each reporting date may vary widely depending on the timing of the receipts and payments of these assets and obligations.

6. Fair value of financial instruments

Initial recognition and measurement

Financial instruments are recognized when the Company becomes a party to the transaction. Initial measurements are at cost, which includes transaction costs.

Risk management

The Company manages its exposure to currency exchange, translation, interest rate, customer concentration, credit and equity price and liquidity risks as discussed below.

Currency exchange risk

The Company is subject to currency exchange risk because it purchases inventories that it is required to settle in other currencies, primarily the euro and U.S. dollar. The Company has used forward contracts in order to limit its exposure in these transactions to fluctuations in exchange rates between the South African rand ("ZAR"), on the one hand, and the U.S. dollar and the euro, on the other hand.

Translation risk

Translation risk relates to the risk that the Company's results of operations will vary significantly as the U.S. dollar is its reporting currency, but it earns most of its revenues and incurs most of its expenses in ZAR. The U.S. dollar to ZAR exchange rate has fluctuated significantly over the past three years. As exchange rates are outside the Company's control, there can be no assurance that future fluctuations will not adversely affect the Company's results of operations and financial condition.

Interest rate risk

As a result of its normal borrowing and lending activities, the Company's operating results are exposed to fluctuations in interest rates, which it manages primarily through regular financing activities. The Company generally maintains limited investments in cash equivalents and held to maturity investments and has occasionally invested in marketable securities.

Credit risk

Credit risk relates to the risk of loss that the Company would incur as a result of non-performance by counterparties. The Company maintains credit risk policies with regard to its counterparties to minimize overall credit risk. These policies include an evaluation of a potential counterparty’s financial condition, credit rating, and other credit criteria and risk mitigation tools as the Company’s management deems appropriate.

6. Fair value of financial instruments (continued)

Risk management (continued)

Credit risk (continued)

With respect to credit risk on financial instruments, the Company maintains a policy of entering into such transactions only with South African and European financial institutions that have a credit rating of “B” (or its equivalent) or better, as determined by credit rating agencies such as Standard & Poor’s, Moody’s and Fitch Ratings.

Microlending credit risk

The Company is exposed to credit risk in its microlending activities, which provide unsecured short-term loans to qualifying customers. The Company manages this risk by performing an affordability test for each prospective customer and assigning a “creditworthiness score”, which takes into account a variety of factors such as other debts and total expenditures on normal household and lifestyle expenses.

Equity price and liquidity risk

Equity price risk relates to the risk of loss that the Company would incur as a result of the volatility in the exchange-traded price of equity securities that it holds and the risk that it may not be able to liquidate these securities. The market price of these securities may fluctuate for a variety of reasons and, consequently, the amount that the Company may obtain in a subsequent sale of these securities may significantly differ from the reported market value.

Liquidity risk relates to the risk of loss that the Company would incur as a result of the lack of liquidity on the exchange on which these securities are listed. The Company may not be able to sell some or all of these securities at one time, or over an extended period of time without influencing the exchange traded price, or at all.

Financial instruments

The following section describes the valuation methodologies the Company uses to measure its significant financial assets and liabilities at fair value.

In general, and where applicable, the Company uses quoted prices in active markets for identical assets or liabilities to determine fair value. This pricing methodology would apply to Level 1 investments. If quoted prices in active markets for identical assets or liabilities are not available to determine fair value, then the Company uses quoted prices for similar assets and liabilities or inputs other than the quoted prices that are observable either directly or indirectly. These investments would be included in Level 2 investments. In circumstances in which inputs are generally unobservable, values typically reflect management's estimates of assumptions that market participants would use in pricing the asset or liability. The fair values are therefore determined using model-based techniques that include option pricing models, discounted cash flow models, and similar techniques. Investments valued using such techniques are included in Level 3 investments.

Asset measured at fair value using significant unobservable inputs – investment in Cell C

The Company's Level 3 asset represents an investment of 75,000,000 class "A" shares in Cell C, a leading mobile telecoms provider in South Africa. The Company has developed an adjusted EV/EBITDA multiple valuation model in order to determine the fair value of its investment in the Cell C shares. The primary inputs to the valuation model as of December 31, 2018, are unchanged from June 30, 2018, except for the EBITDA multiple. The primary inputs to the valuation model are Cell C's annualized adjusted EBITDA for the 11 months ended June 30, 2018, of ZAR 3.9 billion ($270.9 million, translated at exchange rates applicable as of December 31, 2018), an EBITDA multiple of 6.32; Cell C's net external debt of ZAR 8.8 billion ($611.4 million, translated at exchange rates applicable as of December 31, 2018); and a marketability discount of 10% as Cell C is not currently listed, but has publicly stated its intention to list. The EBITDA multiple was determined based on an analysis of Cell C's peer group, which comprises eight African and emerging market mobile telecommunications operators. The fair value of Cell C utilizing the adjusted EV/EBITDA valuation model developed by the Company is sensitive to the following inputs: (i) the Company's determination of adjusted EBITDA; (ii) the EBITDA multiple used; and (iii) the marketability discount used. Utilization of different inputs, or changes to these inputs, may result in significantly higher or lower fair value measurement.

Fair value of financial instruments (continued)

Financial instruments (continued)

Asset measured at fair value using significant unobservable inputs – investment in Cell C (continued)

The following table presents the impact of a 0.50 increase and 0.50 decrease to the EBITDA multiple used in the Cell C valuation on the December 31, 2018, carrying value of the Company's Cell C investment (all amounts translated at exchange rates applicable as of December 31, 2018):

	Sensitivity for fair value of Cell C investment
EBITDA multiple of 5.82 times	130,729
EBITDA multiple of 6.32 times	149,058
EBITDA multiple of 6.82 times	167,386

The fair value of the Cell C shares as of December 31, 2018, represented approximately 14% of the Company's total assets, including these shares. The Company expects to hold these shares for an extended period of time and it is not concerned with short-term equity price volatility with respect to these shares provided that the underlying business, economic and management characteristics of the company remain sound.

Liability measured at fair value using significant unobservable inputs – DNI contingent consideration

The salient terms of the Company's investment in DNI is described in Note 3 to the Company's audited consolidated financial statements included in its Annual Report on Form 10-K for the year ended June 30, 2018. Under the terms of its subscription agreements with DNI, the Company has agreed to pay to DNI an additional amount of up to ZAR 400.0 million ($27.8 million, translated at exchange rates applicable as of December 31, 2018), in cash, subject to the achievement of certain performance targets by DNI. The Company expects to pay the additional amount during the first quarter of the year ended June 30, 2020, and has recorded an amount of ZAR 385.7 million ($26.8 million) and ZAR 373.6 million ($27.2 million), in other payables in its unaudited condensed consolidated balance sheet as of December 31, 2018, and in long-term liabilities as of June 30, 2018, respectively, which amount represents the present value of the ZAR 400.0 million to be paid (amounts translated at exchange rates applicable as of December 31, 2018, and June 30, 2018, respectively).

The present value of ZAR 385.7 million has been calculated using the following assumptions (a) the maximum additional amount of ZAR 400.0 million will be paid on August 1, 2019 and (b) an interest rate of 6.3 % (the rate used to calculate interest earned by the Company on its surplus South African funds) has been used to discount the ZAR 400.0 million to its present value as of December 31, 2018. Utilization of different inputs, or changes to these inputs, may result in significantly higher or lower fair value measurement.

Derivative transactions - Foreign exchange contracts

As part of the Company's risk management strategy, the Company enters into derivative transactions to mitigate exposures to foreign currencies using foreign exchange contracts. These foreign exchange contracts are over-the-counter derivative transactions. Substantially all of the Company's derivative exposures are with counterparties that have long-term credit ratings of "B" (or equivalent) or better. The Company uses quoted prices in active markets for similar assets and liabilities to determine fair value (Level 2). The Company has no derivatives that require fair value measurement under Level 1 or 3 of the fair value hierarchy.

The Company's outstanding foreign exchange contracts are as follows as of December 31, 2018:

Notional amount	**Strike price**	**Fair market value price**	**Maturity**
USD 420,000	ZAR 15.3801	ZAR 14.4210	January 25, 2019
USD 140,000	ZAR 15.4386	ZAR 14.4704	February 22, 2019
USD 420,000	ZAR 15.4939	ZAR 14.5165	March 20, 2019
USD 420,000	ZAR 15.5704	ZAR 14.5842	April 26, 2019

The Company had no outstanding foreign exchange contracts as of June 30, 2018.

Fair value of financial instruments (continued)

Financial instruments (continued)

The following table presents the Company’s assets and liabilities measured at fair value on a recurring basis as of December 31, 2018, according to the fair value hierarchy:

	Quoted price in active markets for identical assets (Level 1)	**Significant other observable inputs (Level 2)**	**Significant unobservable inputs (Level 3)**	**Total**
Assets				
Investment in Cell C	$-	$-	$149,058	$149,058
Related to insurance business:				
Cash, cash equivalents and restricted cash (included in other long-term assets)	593	-	-	593
Fixed maturity investments (included in cash and cash equivalents)	8,319	-	-	8,319
Other	-	18	-	18
Total assets at fair value	$8,912	$18	$149,058	$157,988
Liabilities				
DNI contingent consideration	$-	$-	$26,790	$26,790
Foreign exchange contracts	-	95	-	95
Total liabilities at fair value	$-	$95	$26,790	$26,885

The following table presents the Company’s assets and liabilities measured at fair value on a recurring basis as of June 30, 2018, according to the fair value hierarchy:

	Quoted price in active markets for identical assets (Level 1)	**Significant other observable inputs (Level 2)**	**Significant unobservable inputs (Level 3)**	**Total**
Assets				
Investment in Cell C	$-	$-	$172,948	$172,948
Related to insurance business:				
	610	-	-	610

Cash and cash equivalents (included in other long-term assets)				
Fixed maturity investments (included in cash and cash equivalents)	8,304	-	-	8,304
Other	-	18	-	18
Total assets at fair value	$8,914	$18	$172,948	$181,880
Liabilities				
DNI contingent consideration	$-	$-	$27,222	$27,222
Total liabilities at fair value	$-	$-	$27,222	$27,222

There have been no transfers in or out of Level 3 during the three and six months ended December 31 2018 and 2017, respectively.

Fair value of financial instruments (continued)

Financial instruments (continued)

Summarized below is the movement in the carrying value of assets and liabilities measured at fair value on a recurring basis, and categorized within Level 3, during the six months ended December 31, 2018:

	Carrying value
Assets	
Balance as at June 30, 2018	$172,948
Loss on fair value re-measurements	(15,836)
Foreign currency adjustment(1)	(8,054)
Balance as of December 31, 2018	$149,058
Liabilities	
Balance as at June 30, 2018	$27,222
Accretion of interest	835
Foreign currency adjustment(1)	(1,267)
Balance as of December 31, 2018	$26,790

(1) The foreign currency adjustment represents the effects of the fluctuations of the South African rand and the U.S. dollar on the carrying value.

Summarized below is the movement in the carrying value of assets and liabilities measured at fair value on a recurring basis, and categorized within Level 3, during the six months ended December 31, 2017:

	Carrying value
Assets	
Acquisition of investment in Cell C	$151,003
Foreign currency adjustment(1)	10,692
Balance as of December 31, 2017	$161,695

(1) The foreign currency adjustment represents the effects of the fluctuations of the South African rand and the U.S. dollar on the carrying value.

Assets measured at fair value on a nonrecurring basis

We measure equity investments without readily determinable fair values on a nonrecurring basis. The fair values of these investments are determined based on valuation techniques using the best information available, and may include quoted market prices, market comparables, and discounted cash flow projections.

7. Equity-accounted investments and other long-term assets

Refer to Note 9 to the Company's audited consolidated financial statements included in its Annual Report on Form 10-K for the year ended June 30, 2018, for additional information regarding its equity-accounted investments and other long-term assets.

Equity-accounted investments

The Company's ownership percentage in its equity-accounted investments as of December 31, 2018 and June 30, 2018, was as follows:

	December 31, 2018	June 30, 2018
Bank Frick & Co AG ("Bank Frick")	35%	35%
Fanaka Holdings (Pty) Ltd ("Fanaka")	40%	-
Finbond Group Limited ("Finbond")	29%	29%
OneFi Limited (formerly KZ One) ("OneFi")	25%	25%
SmartSwitch Namibia (Pty) Ltd ("SmartSwitch Namibia")	50%	50%
Speckpack Field Services (Pty) Ltd ("Speckpack")	50%	50%
V2 Limited ("V2")	50%	-
Walletdoc Proprietary Limited ("Walletdoc")	20%	20%

7. Equity-accounted investments and other long-term assets (continued)

Equity-accounted investments (continued)

Finbond

As of December 31, 2018, the Company owned 267,672,032 shares in Finbond. Finbond is listed on the Johannesburg Stock Exchange and its closing price on December 31, 2018, the last trading day of the quarter, was R5.35 per share. The market value of the Company's holding in Finbond on December 31, 2018, was ZAR 1.4 billion ($99.5 million translated at exchange rates applicable as of December 31, 2018). On July 11, 2018, the Company, pursuant to its election, received an additional 6,602,551 shares in Finbond as a capitalization share issue in lieu of a dividend.

V2 Limited

On October 4, 2018, the Company acquired a 50% voting and economic interest in V2 Limited ("V2") for $2.5 million. V2 is an Africa-focused technology provider dedicated to providing financial inclusion to the roughly one billion underbanked citizens on the continent. The Company has committed to provide V2 with a further equity contribution of $2.5 million and a working capital facility of $5.0 million, which are both subject to the achievement of certain pre-defined objectives. V2 has licenses for Zapper's quick response ("QR") payment technology as well as the Company's various payment solutions such as UEPS/EMV and mobile virtual card. Zapper's QR technology and payment platform is one of the most advanced and complete QR payment offerings, and it has operations currently in South Africa, the United Kingdom and the United States. V2 will partner with Zapper to launch ZappGroup Africa, a company focused on deploying a universal white-label QR payment solution across the African continent.

Summarized below is the movement in equity-accounted investments during the six months ended December 31, 2018:

	Bank Frick	Finbond	**Other**[1]	**Total**
Investment in equity:				
Balance as of June 30, 2018	$48,129	$30,958	$6,092	$85,179
Acquisition of shares	-	1,920	2,500	4,420
Stock-based compensation	-	77	-	77
Comprehensive income (loss):	(1,805)	7,305	56	5,556
Other comprehensive income	-	5,430	-	5,430
Equity accounted earnings (loss)	(1,805)	1,875	56	126

Share of net income	564	1,852	56	2,472
Amortization of acquired intangible assets	(375)	-	-	(375)
Deferred taxes on acquired intangible assets	90	-	-	90
Dilution resulting from corporate transactions	-	23	-	23
Other	(2,084)	-	-	(2,084)
Dividends received	-	(1,920)	(454)	(2,374)
Return on investment	-	-	(284)	(284)
Foreign currency adjustment(2)	(341)	(1,712)	(104)	(2,157)
Balance as of December 31, 2018	$45,983	$36,628	$7,806	$90,417
Investment in loans:				
Balance as of June 30, 2018	$-	$-	$3,152	$3,152
Foreign currency adjustment(2)	-	-	(8)	(8)
Balance as of December 31, 2018	$-	$-	$3,144	$3,144

	Equity	**Loans**	**Total**
Carrying amount as of:			
June 30, 2018	$85,179	$3,152	$88,331
December 31, 2018	$90,417	$3,144	$93,561

(1) Includes Fanaka, OneFi, SmartSwitch Namibia, Speckpack, V2 and Walletdoc;

(2) The foreign currency adjustment represents the effects of the fluctuations of the South African rand, Swiss franc, Nigerian naira and Namibian dollar, and the U.S. dollar on the carrying value.

7. Equity-accounted investments and other long-term assets (continued)

Other long-term assets

Summarized below is the breakdown of other long-term assets as of December 31, 2018, and June 30, 2018:

	December 31, 2018	**June 30, 2018**
Total equity investments	$176,051	$199,865
Investment in 15% of Cell C, at fair value (Note 6)	149,058	172,948
Investment in 12% of MobiKwik(1)	26,993	26,917
Total held to maturity investments	9,036	10,395
Investment in 7.625% of Cedar Cellular Investment 1 (RF) (Pty) Ltd 8.625% notes	9,036	10,395
Long-term portion of payments to agents in South Korea amortized over the contract period	14,341	17,582
Long-term portion of other finance loans receivable	12,245	12,283
Contingent purchase consideration	-	9,064
Policy holder assets under investment contracts (Note 9)	593	610
Reinsurance assets under insurance contracts (Note 9)	688	633
Other long-term assets	6,623	5,948
Total other long-term assets	$219,577 $194,570	$256,380

(1) The Company has determined that MobiKwik does not have readily determinable fair value and has therefore elected to recorded this investment at cost minus impairment, if any, plus or minus changes resulting from observable price changes in orderly transactions for the identical or a similar investment of the same issuer. The Company accounted for its investment in MobiKwik at cost as of June 30, 2018.

During the three and six months ended December 31, 2018, the Company paid $1.1 million to subscribe for additional shares in MobiKwik. The Company owned approximately 12% of MobiKwik' issued share capital before and after the subscription.

Summarized below are the components of the Company's equity securities without readily determinable fair value and held to maturity investments as of December 31, 2018:

	Cost basis	**Unrealized holding gains**	**Unrealized holding losses**	**Carrying value**
Equity securities:				
Investment in MobiKwik	$26,993	$-	$-	$26,993
Held to maturity:				
Investment in Cedar Cellular notes	9,036	-	-	9,036
Total	$35,993	$-	$-	$37,591

Summarized below are the components of the Company's held to maturity investments as of June 30, 2018:

	Cost basis(1)	**Unrealized holding gains(1)**	**Unrealized holding losses**	**Carrying value**
Held to maturity:				
Investment in Cedar Cellular notes	$10,395	$-	$-	$10,395
Total	$10,395	$-	$-	$10,395

(1) An amount of $1.4 million attributed to interest recognized under the Cedar Cellular note was incorrectly included in the unrealized holding gains column as of June 30, 2018, and has been reclassified to the cost basis column.

The Company recognized interest income of $1.2 million and $0.2 million, related to the Cedar Cellular notes during the three months ended December 31, 2018 and 2017, respectively. The Company recognized interest income of $1.4 million and $0.2 million, related to the Cedar Cellular notes during the six months ended December 31, 2018 and 2017, respectively. Interest on this investment will only be paid, at Cedar Cellular's election, on maturity in August 2022. The Company's effective interest rate on the Cedar Cellular note is 24.82% as of December 31, 2018.

7. Equity-accounted investments and other long-term assets (continued)

Other long-term assets (continued)

The Company does not expect to recover the entire amortized cost basis of the Cedar Cellular notes due to a reduction in the amount of future cash flows expected to be collected from the debt security. The Company does not expect to generate any cash flows from the debt security prior to the maturity date in August 2022, and expects to recover approximately $22.0 million at maturity. The Company has calculated the present value of the expected cash flows to be collected from the debt security by discounting these cash flows at the interest rate implicit in the security upon acquisition (at a rate of 24.82%). The present value of the expected cash flows of $9.0 million is less than the amortized cost basis recorded of $11.8 million (before the impairment). Accordingly, the Company recorded an other-than-temporary impairment related to a credit loss of $2.7 million during the three and six months ended December 31, 2018. The impairment of $2.7 million is included in interest income, net of impairment in the condensed consolidated statement of operations for the three and six months ended December 31, 2018.

Contractual maturities of held to maturity investments

Summarized below is the contractual maturity of the Company's held to maturity investment as of December 31, 2018:

	Cost basis	Estimated fair value(1)
Due in one year or less	$-	$-
Due in one year through five years	9,036	8,546
Due in five years through ten years	-	-
Due after ten years	-	-
Total	$9,036	$8,546

(1) The estimated fair value of the Cedar Cellular note has been calculated utilizing the Company's portion of the security provided to the Company by Cedar Cellular, namely, Cedar Cellular's investment in Cell C.

8. Goodwill and intangible assets, net

Goodwill

Impairment loss

The Company assesses the carrying value of goodwill for impairment annually, or more frequently, whenever events occur and circumstances change indicating potential impairment. The Company performs its annual impairment test as of June 30 of each year. During the three and six months ended December 31, 2018, the Company recognized an impairment loss of approximately $8.2 million, of which approximately $7.0 related to goodwill allocated to its International Payment Group (“IPG”) business within its international transaction processing operating segment and $1.2 million related to goodwill within its South African transaction processing operating segment.

Given the consolidation and restructuring of IPG over the past year, several business lines were terminated or meaningfully reduced, resulting in lower than expected revenues, profits and cash flows. IPG’s new business initiatives are still in their infancy, and it is expected to generate lower cash flows than initially forecast.

In order to determine the amount of goodwill impairment, the estimated fair value of the Company’s IPG business assets and liabilities were compared to the carrying value of the IPG’s assets and liabilities. The Company used a discounted cash flow model in order to determine the fair value of IPG. The allocation of the fair value of IPG required the Company to make a number of assumptions and estimates about the fair value of assets and liabilities where the fair values were not readily available or observable. Based on this analysis, the Company determined that the carrying value of IPG’s assets and liabilities exceeded their fair value at the reporting date.

In the event that there is a deterioration in the South African transaction processing and the international transaction processing operating segment, or in any other of the Company’s businesses, may lead to additional impairments in future periods.

8. Goodwill and intangible assets, net (continued)

Goodwill (continued)

Summarized below is the movement in the carrying value of goodwill for the six months ended December 31, 2018:

	Gross value	Accumulated impairment	Carrying value
Balance as of June 30, 2018	$304,013	$(20,773)	$283,240
Impairment of goodwill	-	(8,191)	(8,191)
Foreign currency adjustment(1)	(7,187)	102	(7,085)
Balance as of December 31, 2018	$296,826	$(28,862)	$267,964

(1) – the foreign currency adjustment represents the effects of the fluctuations between the South African rand, the Euro and the Korean won, and the U.S. dollar on the carrying value.

Goodwill has been allocated to the Company’s reportable segments as follows:

	South African transaction processing	International transaction processing	Financial inclusion and applied technologies	**Carrying value**
Balance as of June 30, 2018	$20,946	$123,948	$138,346	$283,240
Impairment of goodwill	(1,180)	(7,011)	-	(8,191)
Foreign currency adjustment(1)	(974)	64	(6,175)	(7,085)
Balance as of December 31, 2018	$18,792	$117,001	$132,171	$267,964

(1) – the foreign currency adjustment represents the effects of the fluctuations between the South African rand, the Euro and the Korean won, and the U.S. dollar on the carrying value.

Intangible assets

Carrying value and amortization of intangible assets

Summarized below is the carrying value and accumulated amortization of the intangible assets as of December 31, 2018 and June 30, 2018:

	As of December 31, 2018			**As of June 30, 2018**		
	Gross carrying value	**Accumulated amortization**	**Net carrying value**	**Gross carrying value**	**Accumulated amortization**	**Net carrying value**
Finite-lived intangible assets:						
Customer relationships	$193,225	$(85,689)	$107,536	$197,676	$(76,237)	$121,439
Software and unpatented technology	33,956	(32,630)	1,326	35,730	(32,342)	3,388
FTS patent	2,662	(2,662)	-	2,792	(2,792)	-
Exclusive licenses	4,506	(4,506)	-	4,506	(4,506)	-
Trademarks and brands	12,185	(6,574)	5,611	11,101	(5,589)	5,512
Total finite-lived intangible assets	246,534	(132,061)	114,473	251,805	(121,466)	130,339
Indefinite-lived intangible assets:						
Financial institution license	777	-	777	793	-	793
Total indefinite-lived intangible assets	777	-	777	793	-	793
Total intangible assets	$247,311	$(132,061)	$115,250	$252,598	$(121,466)	$131,132

Aggregate amortization expense on the finite-lived intangible assets for the three months ended December 31, 2018 and 2017, was approximately $6.1 million and $2.9 million, respectively. Aggregate amortization expense on the finite-lived intangible assets for the six months ended December 31, 2018 and 2017, was approximately $12.2 million and $5.8 million, respectively.

8. Goodwill and intangible assets, net (continued)

Intangible assets (continued)

Carrying value and amortization of intangible assets (continued)

Future estimated annual amortization expense for the next five fiscal years and thereafter, assuming exchange rates that prevailed on December 31, 2018, is presented in the table below. Actual amortization expense in future periods could differ from this estimate as a result of acquisitions, changes in useful lives, exchange rate fluctuations and other relevant factors.

Fiscal 2019	$24,393
Fiscal 2020	19,342
Fiscal 2021	13,885
Fiscal 2022	10,693
Fiscal 2023	10,693
Thereafter	47,730
Total future estimated annual amortization expense	$126,736

9. Reinsurance assets and policyholder liabilities under insurance and investment contracts

Reinsurance assets and policyholder liabilities under insurance contracts

Summarized below is the movement in reinsurance assets and policyholder liabilities under insurance contracts during the six months ended December 31, 2018:

	Reinsurance assets(1)	**Insurance contracts(2)**
Balance as of June 30, 2018	$633	$(2,032)
Increase in policyholder benefits under insurance contracts	406	(4,519)
Claims and policyholders' benefits under insurance contracts	(321)	4,627
Foreign currency adjustment(3)	(30)	95
Balance as of December 31, 2018	$688	$(1,829)

(1) Included in other long-term assets.

(2) Included in other long-term liabilities.

(3) Represents the effects of the fluctuations between the ZAR and the U.S. dollar.

The Company has agreements with reinsurance companies in order to limit its losses from certain insurance contracts, however, if the reinsurer is unable to meet its obligations, the Company retains the liability.

The Company determines its reserves for policy benefits under its life insurance products using a model which estimates claims incurred that have not been reported and total present value of disability claims-in-payment at the balance sheet date. This model allows for best estimate assumptions based on experience (where sufficient) plus prescribed margins, as required in the markets in which these products are offered, namely South Africa. The best estimate assumptions include (i) mortality and morbidity assumptions reflecting the company's most recent experience and (ii) claim reporting delays reflecting Company specific and industry experience. Most of the disability claims-in-payment reserve is reinsured and the reported values were based on the reserve held by the relevant reinsurer.

Assets and policyholder liabilities under investment contracts

Summarized below is the movement in assets and policyholder liabilities under investment contracts during the six months ended December 31, 2018:

	Assets(1)	**Investment contracts(2)**
Balance as of June 30, 2018	$610	$(610)
Increase in policyholder benefits under investment contracts	12	(12)
Foreign currency adjustment(3)	(29)	29
Balance as of December 31, 2018	$593	$(593)

(1) Included in other long-term assets.

(2) Included in other long-term liabilities.

(3) Represents the effects of the fluctuations between the ZAR and the U.S. dollar.

The Company does not offer any investment products with guarantees related to capital or returns.

10. Borrowings

South Africa

The amounts below have been translated at exchange rates applicable as of the dates specified.

July 2017 Facilities, as amended, comprising a short-term facility and long-term borrowings

Long-term borrowings – Facilities A, B, C and D

The Company's South African amended July 2017 Facilities agreement is described in Note 14 to the Company's audited consolidated financial statements included in its Annual Report on Form 10-K for the year ended June 30, 2018. The carrying value of these long-term borrowings as of December 31, 2018, was ZAR 379.7 million ($26.4 million), net of deferred fees of ZAR 1.6 million ($0.1 million), and the carrying amount approximated its fair value. Interest on these term loans is payable on the last business day of March, June, September and December of each year and on the final maturity date based on the Johannesburg Interbank Agreed Rate ("JIBAR") in effect from time to time plus a margin of 2.75%. The JIBAR has been set at 7.15% for the period to March 29, 2019, in respect of the loans provided under the South African long-term facilities agreement. The next scheduled principal repayment of ZAR 151.3 million ($10.5 million, translated at exchange rates applicable as of December 31, 2018) is due on March 29, 2019.

July 2017 Facilities, as amended, comprising a short-term facility and long-term borrowings (continued)

Short-term facility - Facility E

On September 26, 2018, Net1 Applied Technologies South Africa Proprietary Limited ("Net1 SA") further amended its amended July 2017 Facilities agreement with Rand Merchant Bank, a division of FirstRand Bank Limited ("RMB") to include an overdraft facility ("Facility E") of up to ZAR 1.5 billion ($101.4 million) to fund the Company's ATMs. Interest on the overdraft facility is payable on the last day of each month and on the final maturity date based on South African prime rate less a margin of 1.00%. The overdraft facility expires on September 26, 2019. The overdraft facility amount utilized must be repaid in full within one month of utilization and at least 90% of the amount utilized must be repaid with 25 days. The overdraft facility is secured by a pledge by Net1 SA of, among other things, cash and certain bank accounts utilized in the Company's ATM funding process, the cession of an insurance policy with

Senate Transit Underwriters Managers Proprietary Limited, and any rights and claims Net1 SA has against Grindrod Bank Limited. The Company paid a non-refundable origination fee of approximately ZAR 3.8 million ($0.3 million) in October 2018. As at December 31, 2018, the Company had utilized approximately ZAR 0.7 billion ($51.1 million translated at exchange rates applicable as of December 31, 2018) of this overdraft facility. This ZAR 1.5 billion overdraft facility may only be used to fund ATMs and therefore the overdraft utilized and converted to cash to fund the Company's ATMs is considered restricted cash. The prime rate on December 31, 2018, was 10.25%.

Nedbank facility, comprising short-term facilities

As of December 31, 2018, the aggregate amount of the Company's short-term South African credit facility with Nedbank Limited was ZAR 700.0 million ($48.6 million) and consists of (i) a primary amount of up to ZAR 450 million ($31.3 million), (ii) a temporary amount of ZAR 250.0 million ($17.3 million), and (iii) a secondary amount, which has been temporarily withdrawn as discussed below. The primary amount comprises an overdraft facility of (i) up to ZAR 300 million ($20.8 million), which is further split into (a) a ZAR 250.0 million ($17.3 million) overdraft facility which may only be used to fund ATMs used at pay points and (b) a ZAR 50 million ($3.5 million) general banking facility and (ii) indirect and derivative facilities of up to ZAR 150 million ($10.4 million), which include letters of guarantees, letters of credit and forward exchange contracts. The temporary amount has been made available until February 28, 2019, at which time any amount utilized must be repaid in full and the secondary amount of ZAR 200.0 million ($13.9 million) will be made available again. The ZAR 250.0 million component of the primary amount may only be used to fund ATMs and therefore this component of the primary amount utilized and converted to cash to fund our ATMs is considered restricted cash. The short-term facility provides Nedbank with the right to set off funds held in certain identified Company bank accounts with Nedbank against any amounts owed to Nedbank under the facility. As of December 31, 2018, the Company had total funds of $4.8 million in bank accounts with Nedbank which have been set off against $16.8 million drawn under the Nedbank facility, for a net amount drawn under the facility of $12.0 million.

As of December 31, 2018, the interest rate on the overdraft facility was 9.10%. The Company has ceded its investment in Cash Paymaster Services Proprietary Limited ("CPS"), a South African subsidiary, as well as all of its rights, title and interest in an insurance policy issued by Fidelity Risk Proprietary Limited as security for its repayment obligations under the facility. A commitment fee of 0.35% per annum is payable on the monthly unutilized amount of the overdraft portion of the short-term facility. The Company is required to comply with customary non-financial covenants, including, without limitation, covenants that restrict its ability to dispose of or encumber its assets, incur additional indebtedness or engage in certain business combinations.

10. Borrowings (continued)

Nedbank facility, comprising short-term facilities (continued)

As of December 31, 2018, the Company has utilized approximately ZAR 173 million ($12.0 million) of its ZAR 250 million overdraft facility to fund ATMs and utilized none of its ZAR 50 million general banking facility and temporary facility. As of December 31, 2018 and June 30, 2018, the Company had utilized approximately ZAR 98 million ($6.8 million) and ZAR 108.0 million ($7.9 million), respectively, of its indirect and derivative facilities of ZAR 150 million to enable the bank to issue guarantee, letters of credit and forward exchange contracts, in order for the Company to honor its obligations to third parties requiring such guarantees (refer to Note 19).

June 2018 Facility, a long-term borrowing

The Company's South African long-term facility agreement is described in Note 14 to the Company's audited consolidated financial statements included in its Annual Report on Form 10-K for the year ended June 30, 2018. The current carrying value as of December 31, 2018, was ZAR 125.0 million ($8.6 million). Interest on the revolving credit facility is payable quarterly based on JIBAR in effect from time to time plus a margin of 2.75%. The Company paid a non-refundable origination fee of approximately ZAR 2.0 million ($0.1 million) during the three and six months ended December 31, 2018.

United States, a short-term facility

On September 14, 2018, the Company renewed its $10.0 million overdraft facility from Bank Frick and on February 4, 2019, the Company increased the overdraft facility to $20.0 million. The interest rate on the facilities is 4.50% plus 3-month US dollar LIBOR and interest is payable on a quarterly basis. The 3-month US dollar LIBOR rate was 2.80763% on December 31, 2018. The facility has no fixed term, however, it may be terminated by either party with six weeks written notice. The facility is secured by a pledge of the Company's investment in Bank Frick. As of December 31, 2018, the Company had not utilized this facility.

South Korea, comprising long-term borrowings

The Company's South Korean senior secured loan facility is described in Note 14 to its audited consolidated financial statements included in its Annual Report on Form 10-K for the year ended June 30, 2018. On July 29, 2017, the

Company utilized approximately KRW 0.3 billion ($0.3 million) of its Facility C revolving credit facility to pay interest due on the Company's South Korean senior secured loan facility. On October 20, 2017, the Company made an unscheduled repayment of $16.6 million and settled the full outstanding balance, including interest, related to these borrowings. This facility is no longer available.

South Korea, a short-term facility

The Company obtained a one year KRW 10 billion ($10.0 million) short-term overdraft facility from Hana Bank, a South Korean bank, in January 2019. The interest rate on the facilities is 1.984% plus 3-month CD rate. The CD rate as of December 31, 2018 was 3.844%. The facility expires in January 2020, however can be renewed. The facility is unsecured with no fixed repayment terms. As of December 31, 2018, the Company had not utilized this facility.

10. Borrowings (continued)

Movement in short-term credit facilities

Summarized below are the Company’s short-term facilities as of December 31, 2018, and the movement in the Company’s short-term facilities from as of June 30, 2018 to as of December 31, 2018:

	South Africa		United States	
	Amended July 2017	**Nedbank**	Bank Frick	**Total**
Short-term facilities as of December 31, 2018:	$104,196	$48,625	$10,000	$162,821
Overdraft	-	20,839	10,000	30,839
Overdraft restricted as to use for ATM funding only	104,196	17,366	-	121,562
Indirect and derivative facilities	-	10,420	-	10,420
Movement in utilized overdraft facilities:				
Balance as of June 30, 2018	-	-	-	-
Utilized	260,942	40,303	4,992	306,237
Repaid	(212,265)	(28,469)	(4,992)	(245,726)
Foreign currency adjustment(1)	2,436	184	-	2,620
Balance as of December 31, 2018(2)	51,113	12,018	-	63,131
Restricted as to use for ATM funding only	51,113	12,018	-	63,131
No restrictions as to use	-	-	-	-
Movement in utilized indirect and derivative facilities:				
Balance as of June 30, 2018	-	7,871	-	7,871
Guarantees cancelled	-	(834)	-	(834)
Utilized	-	151	-	151
Foreign currency adjustment(1)	-	(366)	-	(366)
Balance as of December 31, 2018	$-	$6,822	$-	$6,822

(1) Represents the effects of the fluctuations between the ZAR and the U.S. dollar.

(2) Nedbank as of December 31, 2018, of $12.0 million comprises the net of total overdraft facilities withdrawn of $16.8 million offset against funds in bank accounts with Nedbank of $4.8 million.

Movement in long-term borrowings

Summarized below is the movement in the Company's long term borrowing from as of June 30, 2018 to as of December 31, 2018:

	South Africa		
	Amended July 2017	**June 2018 Facility**	**Total**
Included in current portion of long-term borrowings	$44,695	$-	$44,695
Included in long-term borrowings	5,469	-	5,469
Balance as of June 30, 2018	50,164	-	50,164
Utilized	-	11,004	11,004
Repaid	(20,855)	(2,956)	(23,811)
Foreign currency adjustment(1)	(2,937)	635	(2,302)
Balance as of December 31, 2018	26,372	8,683	35,055
Included in current portion of long-term borrowings	24,660	-	24,660
Included in long-term borrowings	$1,712	$8,683	$10,395

(1) Represents the effects of the fluctuations between the ZAR and the U.S. dollar.

The Company paid a non-refundable deal origination fee of approximately ZAR 6.3 million ($0.6 million) in August 2017. Interest expense incurred under the Company's South African long-term borrowing during the three months ended December 31, 2018 and 2017, was $0.9 million and $1.9 million, respectively. Interest expense incurred during the six months ended December 31, 2018 and 2017, was $2.1 million and $3.6 million, respectively. Prepaid facility fees amortized during the three months ended December 31, 2018 and 2017, was $0.1 million and $0.1 million respectively. Prepaid facility fees amortized during the six months ended December 31, 2018 and 2017, was $0.2 million and $0.1 million, respectively.

Interest expense incurred the Company's South Korean debt facilities during the three and six months ended December 31, 2017, was $0.1 and $0.4 million, respectively. Prepaid facility fees amortized during each of the three and six months ended December 31, 2017, was $0.1 million, respectively.

11. Capital structure

The following table presents a reconciliation between the number of shares, net of treasury, presented in the unaudited condensed consolidated statement of changes in equity during the six months ended December 31, 2018 and 2017, respectively, and the number of shares, net of treasury, excluding non-vested equity shares that have not vested during the six months ended December 31, 2018 and 2017, respectively:

	December 31, 2018	December 31, 2017
Number of shares, net of treasury:		
Statement of changes in equity	56,833,925	56,832,370
Less: Non-vested equity shares that have not vested (Note 13)	860,817	(911,856)
Number of shares, net of treasury excluding non-vested equity shares that have not vested	55,973,108	55,920,514

12. Accumulated other comprehensive loss

The table below presents the change in accumulated other comprehensive (loss) income per component during the six months ended December 31, 2018:

	Six months ended December 31, 2018 Accumulated foreign currency translation reserve	Accumulated net unrealized income on asset available for sale, net of tax	Total
Balance as of June 30, 2018	$(184,436)	$-	$(184,436)
Movement in foreign currency translation reserve related to equity-accounted investment	5,430	-	5,430
Movement in foreign currency translation reserve	(19,266)	-	(19,266)
Balance as of December 31, 2018	$(198,272)	$-	$(198,272)

There were no reclassifications from accumulated other comprehensive loss to net (loss) income during the six months ended December 31, 2018 or 2017.

13. Stock-based compensation

Stock option and restricted stock activity

Options

The following table summarizes stock option activity for the six months ended December 31, 2018 and 2017:

	Number of shares	Weighted average exercise price ($)	Weighted average remaining contractual term (in years)	Aggregate intrinsic value ($'000)	Weighted average grant date fair value ($)
Outstanding – June 30, 2018	809,274	13.99	2.67	370	4.20
Granted – September 2018	600,000	6.20	10.00	1,212	2.02
Forfeitures	(200,000)	24.46			7.17
Outstanding – December 31, 2018	1,209,274	8.41	6.15	72	2.62
Outstanding – June 30, 2017	846,607	13.87	3.80	486	4.21
Forfeitures	(37,333)	11.23			4.55
Outstanding – December 31, 2017	809,274	13.99	3.40	468	4.20

During the six months ended December 31, 2018, 600,000 stock options were awarded to executive officers and employees. No stock options were awarded during the three months ended December 31, 2018, or during the three and six months ended December 31, 2017, respectively. During the six months ended December 31, 2018, executive officers forfeited 200,000 stock options granted in August 2008, with a strike price of $24.46 per share, as these stock options expired unexercised. During the six months ended December 31, 2017, employees forfeited 37,333 stock options.

The fair value of each option is estimated on the date of grant using the Cox Ross Rubinstein binomial model that uses the assumptions noted in the following table. The estimated expected volatility is calculated based on the Company's 750 day volatility. The estimated expected life of the option was determined based on historical behavior of employees who were granted options with similar terms.

The table below presents the range of assumptions used to value options granted during the six months ended December 31, 2018:

	Six months ended December 31, 2018
Expected volatility	44%
Expected dividends	0%
Expected life (in years)	3
Risk-free rate	2.75%

The following table presents stock options vested and expected to vest as of December 31, 2018:

	Number of shares	Weighted average exercise price ($)	Weighted average remaining contractual term (in years)	Aggregate intrinsic value ($'000)
Vested and expected to vest – December 31, 2018	1,209,274	8.41	6.15	72

These options have an exercise price range of $6.20 to $13.16.

13. Stock-based compensation (continued)

Stock option and restricted stock activity (continued)

Options (continued)

The following table presents stock options that are exercisable as of December 31, 2018:

	Number of shares	Weighted average exercise price ($)	Weighted average remaining contractual term (in years)	Aggregate intrinsic value ($'000)
Exercisable – December 31, 2018	609,274	10.56	2.84	72

No stock options became exercisable during the three and six months ended December 31, 2018, or during the three months ended December 31, 2017, respectively. However, during the six months ended December 31, 2017, 105,982 stock options became exercisable. The Company issues new shares to satisfy stock option exercises.

Restricted stock

The following table summarizes restricted stock activity for the six months ended December 31, 2018 and 2017:

	Number of shares of restricted stock	**Weighted average grant date fair value ($'000)**
Non-vested – June 30, 2018	765,411	6,162
Granted – September 2018	148,000	114
Vested – August 2018	(52,594)	459
Non-vested – December 31, 2018	860,817	5,785
Non-vested – June 30, 2017	505,473	11,173
Granted – August 2017	588,594	4,288
Vested – August 2017	(56,250)	527
Forfeitures	(30,635)	358

Forfeitures – August and November 2014 awards with market conditions	(95,326)	1,133
Non-vested – December 31, 2017	911,856	9,365

The September 2018 grants comprise 148,000 shares of restricted stock awarded to executive officers that are subject to market and time-based vesting. The August 2017 grants comprise (i) 326,000 shares of restricted stock awarded to executive officers and employees that are subject to time-based vesting, (ii) 210,000 shares of restricted stock awarded to executive officers that are subject to market and time-based vesting, and (iii) 52,594 shares of restricted stock awarded to non-employee directors.

The 326,000 shares of restricted stock will only vest if the recipient is employed by the Company on a full-time basis on August 23, 2020. The 52,594 shares of restricted stock awarded to non-employee directors in August 2017 vested on August 23, 2018. During the three months ended December 31, 2017, 56,250 shares of restricted stock granted to non-employee directors vested and employees forfeited 30,635 shares of restricted stock with either market or performance conditions upon their termination from the Company.

Market Conditions - Restricted Stock Granted in September 2018

The 148,000 shares of restricted stock awarded to executive officers in September 2018 are subject to time-based and performance-based (a market condition) vesting conditions and vest in full only on the date, if any, that the following conditions are satisfied: (1) the price of the Company's common stock must equal or exceed certain agreed VWAP levels (as described below) during a measurement period commencing on the date that it files its Annual Report on Form 10-K for the fiscal year ended 2021 and ending on December 31, 2021 and (2) the recipient is employed by the Company on a full-time basis when the condition in (1) is met. If either of these conditions is not satisfied, then none of the shares of restricted stock will vest and they will be forfeited. The $23.00 price target represents an approximate 55% increase, compounded annually, in the price of the Company's common stock on Nasdaq over the $6.20 closing price on September 7, 2018.

13. Stock-based compensation (continued)

Stock option and restricted stock activity (continued)

Restricted stock (continued)

The VWAP levels and vesting percentages related to such levels are as follows:

· Below $15.00 (threshold)—0%
· At or above $15.00 and below $19.00—33%
· At or above $19.00 and below $23.00—66%
· At or above $23.00—100%

The fair value of these shares of restricted stock was calculated using a Monte Carlo simulation of a stochastic volatility process. The choice of a stochastic volatility process as an extension to the standard Black Scholes process was driven by both observations of larger than expected moves in the daily time series for the Company's VWAP price, but also the observation of the strike structure of volatility (i.e. skew and smile) for out-of-the money calls and out-of-the money puts versus at-the-money options for both the Company's stock and NASDAQ futures.

Market Conditions - Restricted Stock Granted in September 2018 (continued)

In scenarios where the shares do not vest, the final vested value at maturity is zero. In scenarios where vesting occurs, the final vested value on maturity is the share price on vesting date. In its calculation of the fair value of the restricted stock, the Company used an average volatility of 37.4% for the VWAP price, a discounting based on USD overnight indexed swap rates for the grant date, and no future dividends. The average volatility was extracted from the time series for VWAP prices as the standard deviation of log prices for the three years preceding the grant date. The mean reversion of volatility and the volatility of volatility parameters of the stochastic volatility process were extracted by regressing log differences against log levels of volatility from the time series for at-the-money options 30 day volatility quotes, which were available from January 2, 2018 onwards.

Market Conditions - Restricted Stock Granted in August 2017

The 210,000 shares of restricted stock awarded to executive officers in August 2017 are subject to time-based and performance-based (a market condition) vesting conditions and vest in full only on the date, if any, that the following conditions are satisfied: (1) the price of the Company’s common stock must equal or exceed certain agreed VWAP levels (as described below) during a measurement period commencing on the date that it files its Annual Report on Form 10-K for the fiscal year ended 2020 and ending on December 31, 2020 and (2) the recipient is employed by the Company on a full-time basis when the condition in (1) is met. If either of these conditions is not satisfied, then none of the shares of restricted stock will vest and they will be forfeited. The $23.00 price target represents an approximate 35% increase, compounded annually, in the price of the Company’s common stock on Nasdaq over the $9.38 closing price on August 23, 2017. The VWAP levels and vesting percentages related to such levels are as follows:

- Below $15.00 (threshold)—0%
- At or above $15.00 and below $19.00—33%
- At or above $19.00 and below $23.00—66%
- At or above $23.00—100%

These 210,000 shares of restricted stock are effectively forward starting knock-in barrier options with multi-strike prices of zero. The fair value of these shares of restricted stock was calculated utilizing a Monte Carlo simulation model which was developed for the purpose of the valuation of these shares. For each simulated share price path, the market share price condition was evaluated to determine whether or not the shares would vest under that simulation. A standard Geometric Brownian motion process was used in the forecasting of the share price instead of a “jump diffusion” model, as the share price volatility was more stable compared to the highly volatile regime of previous years. Therefore, the simulated share price paths capture the idiosyncrasies of the observed Company share price movements.

In scenarios where the shares do not vest, the final vested value at maturity is zero. In scenarios where vesting occurs, the final vested value on maturity is the share price on vesting date. The value of the grant is the average of the discounted vested values. The Company used an expected volatility of 44.0%, an expected life of approximately three years, a risk-free rate ranging between 1.275% to 1.657% and no future dividends in its calculation of the fair value of the restricted stock. The estimated expected volatility was calculated based on the Company’s 30 day VWAP share price using the exponentially weighted moving average of returns.

13. Stock-based compensation (continued)

Stock option and restricted stock activity (continued)

Restricted stock (continued)

Performance Conditions - Restricted Stock Granted in August 2016

In August 2016 the Company awarded 350,000 shares of restricted stock to executive officers. In May 2017, the Company agreed to accelerate the vesting of 200,000 of these shares of restricted stock granted to the Company's former Chief Executive Officer. The remaining 150,000 shares continue to be subject to time-based and performance-based vesting conditions. In order for any of the shares to vest, the recipient must remain employed by the Company on a full-time basis on the date that it files its Annual Report on Form 10-K for the fiscal year ended June 30, 2019. If that condition is satisfied, then the shares will vest based on the level of Fundamental EPS the Company achieves for the fiscal year ended June 30, 2019 ("2019 Fundamental EPS"), as follows:

- One-third of the shares will vest if the Company achieves 2019 Fundamental EPS of $2.60;
- Two-thirds of the shares will vest if the Company achieves 2019 Fundamental EPS of $2.80; and
- All of the shares will vest if the Company achieves 2019 Fundamental EPS of $3.00.

Performance Conditions - Restricted Stock Granted in August 2016 (continued)

At levels of 2019 Fundamental EPS greater than $2.60 and less than $3.00, the number of shares that will vest will be determined by linear interpolation relative to 2019 Fundamental EPS of $2.80. Any shares that do not vest in accordance with the above-described conditions will be forfeited. All shares of restricted stock have been valued utilizing the closing price of shares of the Company's common stock quoted on The Nasdaq Global Select Market on the date of grant.

Forfeiture of restricted stock awarded in August and November 2014 that did not achieve targeted market conditions

During the three and six months ended December 31, 2017, restricted stock with market conditions awarded in August and November 2014, were forfeited, because the target market conditions were not achieved. The stock-based compensation charge related to these awards was not reversed upon forfeiture because these awards contained market conditions.

The fair value of restricted stock vesting during each of the six months ended December 31, 2018 and 2017, respectively, was $0.5 million.

Stock-based compensation charge and unrecognized compensation cost

The Company recorded a stock-based compensation charge during each of the three months ended December 31, 2018 and 2017 of $0.6 million respectively, which comprised:

	Total charge	**Allocated to cost of goods sold, IT processing, servicing and support**	**Allocated to selling, general and administration**
Three months ended December 31, 2018			
Stock-based compensation charge	$598	$-	$598
Total – three months ended December 31, 2018	$598	$-	$598
Three months ended December 31, 2017			
Stock-based compensation charge	$608	$-	$608
Total – three months ended December 31, 2017	$608	$-	$608

13. Stock-based compensation (continued)

Stock option and restricted stock activity (continued)

Restricted stock (continued)

The Company recorded a stock-based compensation charge during the six months ended December 31, 2018 and 2017 of $1.2 million and $1.4 million respectively, which comprised:

	Total charge	Allocated to cost of goods sold, IT processing, servicing and support	Allocated to selling, general and administration
Six months ended December 31, 2018			
Stock-based compensation charge	$1,185	$-	$1,185
Total – six months ended December 31, 2018	$1,185	$-	$1,185
Six months ended December 31, 2017			
Stock-based compensation charge	$1,477	$-	$1,477
Reversal of stock compensation charge related to stock options forfeited	(42)	-	(42)
Total – six months ended December 31, 2017	$1,435	$-	$1,435

The stock-based compensation charges have been allocated to selling, general and administration based on the allocation of the cash compensation paid to the relevant employees.

As of December 31, 2018, the total unrecognized compensation cost related to stock options was approximately $1.1 million, which the Company expects to recognize over approximately three years. As of December 31, 2018, the total unrecognized compensation cost related to restricted stock awards was approximately $2.6 million, which the Company expects to recognize over approximately two years.

As of December 31, 2018 and June 30, 2018, respectively, the Company recorded a deferred tax asset of approximately $0.8 million and $0.7 million, related to the stock-based compensation charge recognized related to employees of Net1. As of December 31, 2018, and June 30, 2018, respectively, the Company recorded a valuation allowance of approximately $0.8 million and $0.7 million, related to the deferred tax asset because it does not believe that the stock-based compensation deduction would be utilized as it does not anticipate generating sufficient taxable income in the United States. The Company deducts the difference between the market value on date of exercise by the option recipient and the exercise price from income subject to taxation in the United States.

14. Earnings per share

The Company has issued redeemable common stock which is redeemable at an amount other than fair value. Redemption of a class of common stock at other than fair value increases or decreases the carrying amount of the redeemable common stock and is reflected in basic earnings per share using the two-class method. There were no redemptions of common stock, or adjustments to the carrying value of the redeemable common stock during the three and six months ended December 31, 2018 or 2017. Accordingly, the two-class method presented below does not include the impact of any redemption. The Company’s redeemable common stock is described in Note 15 to the Company’s audited consolidated financial statements included in its Annual Report on Form 10-K for the year ended June 30, 2018.

Basic (loss) earnings per share include shares of restricted stock that meet the definition of a participating security because these shares are eligible to receive non-forfeitable dividend equivalents at the same rate as common stock. Basic (loss) earnings per share have been calculated using the two-class method and basic (loss) earnings per share for the three and six months ended December 31, 2018 and 2017, reflects only undistributed earnings. The computation below of basic (loss) earnings per share excludes the net (loss) income attributable to shares of unvested restricted stock (participating non-vested restricted stock) from the numerator and excludes the dilutive impact of these unvested shares of restricted stock from the denominator.

Diluted (loss) earnings per share have been calculated to give effect to the number of shares of additional common stock that would have been outstanding if the potential dilutive instruments had been issued in each period. Stock options are included in the calculation of diluted (loss) earnings per share utilizing the treasury stock method and are not considered to be participating securities, as the stock options do not contain non-forfeitable dividend rights.

14. Earnings per share (continued)

The calculation of diluted (loss) earnings per share includes the dilutive effect of a portion of the restricted stock granted to employees in August 2016, August 2017, March 2018, May 2018 and September 2018 as these shares of restricted stock are considered contingently returnable shares for the purposes of the diluted earnings per share calculation and the vesting conditions in respect of a portion of the restricted stock had been satisfied. The vesting conditions for awards made in September 2018, March 2018, August 2017 and August 2016 are discussed in Note 13 and the vesting conditions for all other awards are discussed in Note 18 to the Company's audited consolidated financial statements included in its Annual Report on Form 10-K for the year ended June 30, 2018.

The following table presents net (loss) income attributable to Net1 ((loss) income from continuing operations) and the share data used in the basic and diluted (loss) earnings per share computations using the two-class method:

	Three months ended		**Six months ended**	
	December 31,		**December 31,**	
	2018	**2017**	**2018**	**2017**
	(in thousands except percent and per share data)		(in thousands except percent and per share data)	
Numerator:				
Net (loss) income attributable to Net1	(63,941)	$9,622	(69,140)	$29,105
Undistributed (loss) earnings	(63,941)	9,622	(69,140)	29,105
Percent allocated to common shareholders (Calculation 1)	98%	99%	99%	98%
Numerator for (loss) earnings per share: basic and diluted	(62,972)	$9,481	(68,146)	$28,664
Denominator:				
Denominator for basic (loss) earnings per share: weighted-average common shares outstanding	55,973	55,923	55,962	55,902
Effect of dilutive securities:				
Stock options	21	52	36	50
Denominator for diluted (loss) earnings per share: adjusted weighted average common shares outstanding and assumed conversion	55,994	55,975	55,998	55,952
(Loss) Earnings per share:				
Basic	$(1.13)	$0.17	$(1.22)	$0.51
Diluted	$(1.12)	$0.17	$(1.22)	$0.51
(Calculation 1)				
Basic weighted-average common shares outstanding (A)	55,973	55,923	55,962	55,902

Basic weighted-average common shares outstanding and unvested restricted shares expected to vest (B)	56,834	56,755	56,778	56,762
Percent allocated to common shareholders (A) / (B)	98%	99%	99%	98%

Options to purchase 1,166,554 and 503,698 shares of the Company's common stock at prices ranging from $6.20 to $13.16 per share and $8.75 to $13.16 per share were outstanding during the three and six months ended December 31, 2018, respectively, but were not included in the computation of diluted (loss) earnings per share because the options' exercise price was greater than the average market price of the Company's common stock. The options, which expire at various dates through August 27, 2024, were still outstanding as of December 31, 2018.

15. Supplemental cash flow information

The following table presents supplemental cash flow disclosures for the three and six months ended December 31, 2018, and 2017:

	Three months ended		Six months ended	
	December 31,		December 31,	
	2018	**2017**	**2018**	**2017**
Cash received from interest	$1,285	$4,562	$3,362	$9,848
Cash paid for interest	$2,588	$2,330	$5,654	$4,418
Cash paid for income taxes	$8,779	$18,613	$10,122	$20,649

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16. Revenue recognition

The Company is a leading provider of transaction processing services, financial inclusion products and services and secure payment technology. The Company operates market-leading payment processors in South Africa and internationally. The Company offers debit, credit and prepaid processing and issuing services for all major payment networks. In South Africa, The Company provides innovative low-cost financial inclusion products, including banking, lending and insurance, and is a leading distributor of mobile subscriber starter packs for Cell C, a South African mobile network operator.

Disaggregation of revenue

The following table represents our revenue disaggregated by major revenue streams, including reconciliation to operating segments for the three months ended December 31, 2018:

	South Africa	**Korea**	**Rest of the world**	**Total**
South African transaction processing				
Processing fees	$19,031	$-	$-	$19,031
Welfare benefit distributions fees	-	-	-	-
Other	1,772	-	-	1,772
Sub-total	20,803	-	-	20,803
International transaction processing				
Processing fees	-	34,382	2,543	36,925
Other	-	1,018	181	1,199
Sub-total	-	35,400	2,724	38,124
Financial inclusion and applied technologies				
Telecom products and services	18,020	-	-	18,020
Account holder fees	3,140	-	-	3,140
Lending revenue	5,969	-	-	5,969
Technology products	5,771	-	-	5,771
Insurance revenue	1,310	-	-	1,310
Other	4,013	-	-	4,013
Sub-total	38,223	-	-	38,223
	$59,026	$35,400	$2,724	$97,150

The following table represents our revenue disaggregated by major revenue streams, including reconciliation to operating segments for the six months ended December 31, 2018:

	South Africa	Korea	Rest of the world	Total
South African transaction processing				
Processing fees	$49,260	$-	$-	$49,260
Welfare benefit distributions fees	3,086	-	-	3,086
Other	2,920	-	-	2,920
Sub-total	55,266	-	-	55,266
International transaction processing				
Processing fees	-	68,971	5,198	74,169
Other	-	2,980	362	3,342
Sub-total	-	71,951	5,560	77,511
Financial inclusion and applied technologies				
Telecom products and services	37,167	-	-	37,167
Account holder fees	13,745	-	-	13,745
Lending revenue	15,946	-	-	15,946
Technology products	10,039	-	-	10,039
Insurance revenue	3,825	-	-	3,825
Other	9,535	-	-	9,535
Sub-total	90,257	-	-	90,257
	$145,523	$71,951	$5,560	$223,034

16. Revenue recognition (continued)

Nature of goods and services

Processing fees

The Company earns processing fees from transactions processed for its customers. The Company provides its customers with transaction processing services that involve the collection, transmittal and retrieval of all transaction data in exchange for consideration upon completion of the transaction. In certain instances, the Company also provides a funds collection and settlement service for its customers. The Company considers these services as a single performance obligation. The Company's contracts specify a transaction price for services provided. Processing revenue fluctuates based on the type and the volume of transactions processed. Revenue is recognized on the completion of the processed transaction.

Customers that have a bank account managed by the Company are issued cards that can be utilized to withdraw funds at an ATM or to transact at a merchant point of sale device ("POS"). The Company earns processing fees from transactions processed for these customers. The Company's contracts specify a transaction price for each service provided (for instance, ATM withdrawal, balance enquiry, etc.). Processing revenue fluctuates based on the type and the volume of transactions performed by the customer. Revenue is recognized on the completion of the processed transaction.

Welfare benefit distribution fees

The Company's provided a welfare benefits distribution service in South Africa to a customer under a contract which expired on September 30, 2018. The Company was required to distribute social welfare grants to identified recipients using an internally developed payment platform at designated distribution points (pay points) which enabled the recipients to access their grants. The contract specified a fixed fee per account for one or more grants received by a recipient. The Company recognized revenue for each grant recipient paid at the fixed fee.

Telecom products and services

The Company has entered into contracts with mobile networks in South Africa to distribute subscriber identity modules ("SIM") cards on their behalf. The Company is entitled to receive consideration based on the activation of each

SIM as well as from a percentage of the value loaded onto each SIM. The Company recognizes revenue from these services once the criteria specified for activation have been met as well as when it is entitled to its consideration related to the value loaded onto the SIM. Revenue from contracts with mobile networks fluctuates based on the number of SIMs activated as well as on the value loaded onto the SIM.

The Company purchases airtime for resale to customers. The Company recognizes revenue as the airtime is delivered to the customer. Revenue from the resale of airtime to customers fluctuates based on volume of airtime sold.

Account holder fees

The Company provides bank accounts to customers and this service is underwritten by a regulated banking institution because the Company is not a bank. The Company charges its customers a fixed monthly bank account administration fee for all active bank accounts regardless of whether the account holder has transacted or not. The Company recognizes account holder fees on a monthly basis on all active bank accounts. Revenue from account holder's fees fluctuates based on the number of active bank accounts.

Lending revenue

The Company provides short-term loans to customers in South Africa and charges up-front initiation fees and monthly service fees. Initiation fees are recognized using the effective interest rate method, which requires the utilization of the rate of return implicit in the loan, that is, the contractual interest rate adjusted for any net deferred loan fees or costs, premium, or discount existing at the origination or acquisition of the loan. Monthly service fee revenue is recognized under the contractual terms of the loan. The monthly service fee amount is fixed upon initiation and does not change over the term of the loan.

Technology products