

Equity Research

October 27, 2016

Mark Palmer

(212) 588-6582 mpalmer@btig.com

Giuliano Bologna

(212) 588-6583 gbologna@btig.com

RDN	\$14.35
12 month target	\$22.00
BUY	
52 week range	\$9.32 - \$14.65
Market Cap (m)	\$3,246



Financials

Radian Group, Inc.

RDN Exceeds High Expectations Bar with 3Q16 EPS Beat, Posts 40% Growth in New Insurance Written

Given the ferocity of the recent rally in shares of Radian Group (RDN), the expectations bar had been raised significantly heading into the company's release of its 3Q16 results this morning. Indeed, we had heard some investors voice concern that after RDN shares rallied by almost 54% in under four months the stock may have come too far, too fast., so a solid earnings performance was clearly needed to sustain the surge.

- Whether it will be enough to keep the rally going remains to be seen, but RDN this morning reported 3Q16 results that provided ample confirmation of the company's operating momentum. The company reported adjusted earnings per share of \$0.41, beating the consensus estimate (and our estimate) of \$0.39.
- ▶ RDN's earnings beat was facilitated by 3Q16 revenue of \$320.9mm, exceeding the consensus estimate of \$302.1 and our estimate of \$308.5mm. That outperformance was driven in turn by net premiums earned of \$238.1mm, outpacing the consensus estimate of \$230.0mm and our estimate of \$238.8mm.
- ▶ Meanwhile, RDN during 3Q16 set the stage for future growth in net premiums earned by posting new insurance written (NIW) of \$15.7bn, up 40% year-over-year and well above our estimate of \$10.3bn. The company during the quarter wrote the highest volume of new flow insurance business in its 40-year history.
- ▶ We are reiterating our Buy recommendation on RDN and price target of \$22 based on 12x our 2017E EPS of \$1.80. Even after the stock's strong rally it trades at just 1.07x book value as of September 30, a level that is still well below RDN's average price-to-book value over the past three years of 1.7x − it reached almost 2.9x book value in mid-2014, a level akin to those achieved by the company prior to the financial crisis −implying that the stock still has ample room to run from a valuation standpoint.
- Valuation: Our price target of \$22 for RDN is based on 12X our 2017E EPS of \$1.80

Estimates

	1Q15 A	2Q15 A	3Q15 A	4Q15 A	FY15 A	1Q16 A	2Q16 A	3Q16 A	4Q16 E	FY16 E	FY17 E
Diluted EPS (Adj.)	0.39	0.22	0.29	0.32	1.23	0.37	0.38	0.41	0.41	1.57	1.80
BVPS (Ex-AOCI)	11.54	12.19	11.71	12.07	12.07	13.06	13.09	13.47	14.01	14.01	16.38
Source: BTIG Estimates and Company Documents (\$ in millions, except per share amount)											



- ► Thanks to RDN's strong 3Q16 operating performance, its book value per share increased during the quarter by 14% versus the prior year period to \$13.47.
- ► RDN's credit quality remained benign during 3Q16 as it reported primary delinquent loans down 1% sequentially and 18% year-over-year.



Income Statement

Radian - Operating Model	Dec-14	Dec-15	Mar-16	Jun-16	Sep-16	Dec-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Dec-17
\$ Millions	2014A	2015A	1Q16A	2Q16A	3Q16A	4Q16E	2016E	1Q17E	2Q17E	3Q17E	4Q17E	2017E
Net premiums earned - insurance	871.23	915.91	220.95	229.09	238.15	241.70	929.88	244.16	248.97	255.81	260.26	1,009.20
Services revenue	76.69	153.71	31.60	38.29	43.10	38.99	151.98	33.18	40.21	45.25	40.94	159.58
Net investment income	92.68	81.54	27.20	28.84	28.43	29.14	113.61	29.72	30.32	30.92	31.54	122.51
Net gains (losses) on investments	122.49	35.69	31.29	30.53	7.71	-	69.52	-	-	-	-	-
Change in fair value of derivatives	126.92	-	-	-	-	-	-	-	-	-	-	-
Net losses on other financial instruments	(0.90)	-	-	-	-	-	-	-	-	-	-	-
Other income	5.91	6.40	1.92	3.42	3.50	1.53	10.37	2.68	2.70	2.73	2.76	10.87
Total revenues	1,295.01	1,193.25	312.95	330.17	320.88	311.36	1,275.37	309.74	322.20	334.71	335.50	1,302.17
Provision for losses	249.55	198.59	42.99	49.73	55.79	52.35	200.85	52.88	53.92	55.40	56.37	218.57
Policy acquisition costs	29.51	22.42	6.39	5.39	6.12	6.15	24.05	6.18	6.21	6.24	6.27	24.91
Direct cost of services	43.61	89.16	21.75	24.86	26.70	26.84	100.15	26.97	27.11	27.24	27.38	108.70
Other operating expenses	267.52	246.96	58.99	65.68	64.86	65.19	254.72	65.51	65.84	66.17	66.50	264.02
Interest expense	90.46	91.10	21.53	22.55	19.78	19.78	83.65	19.78	19.78	19.78	19.78	79.13
Amortization of intangible assets	8.65	3.02	-	-	-	-	-	-	-	-	-	-
Loss on induced conversion and debt extinguishment	-	94.21	55.57	2.11	17.40	-	75.08	-	-	-	-	-
Change in reserve for premium defficiency	0.85	9.96	3.33	3.31	3.29	-	9.93	-	-	-	-	-
,												
Total expenses	690.15	755.42	210.55	173.62	193.94	170.30	748.41	171.33	172.86	174.84	176.30	695.32
Pretax income from continuing operations	604.87	437.83	102.40	156.55	126.94	141.06	526.95	138.42	149.34	159.88	159.20	606.84
Income tax expense (benefit)	(804.35)	156.29	36.15	58.44	44.14	49.37	188.10	48.45	52.27	55.96	55.72	212.39
Net income (loss) from continuing operations	1,409.22	281.54	66.25	98.11	82.80	91.69	338.85	89.97	97.07	103.92	103.48	394.45
Income (loss) from discontinued operations	(449.70)	5.39	-	-	-	-	-	-	-	-	-	-
Net income (loss)	959.52	286.92	66.25	98.11	82.80	91.69	338.85	89.97	97.07	103.92	103.48	394.45
Diluted EPS - continuing operations	6.03	1.14	0.28	0.43	0.37	0.41	1.48	0.41	0.44	0.48	0.48	1.80
Diluted EPS - discontinued operations	(1.93)	0.02	-	-	-	-	-	-	-	-	-	-
Diluted EPS	4.11	1.23	0.37	0.38	0.41	0.41	1.57	0.41	0.44	0.48	0.48	1.80
Diluted shares outstanding	233.58	247.11	239.71	226.20	224.70	223.20	228.45	221.70	220.20	218.70	217.20	219.45
Tax rate	-133.0%	35.7%	35.3%	37.3%	34.8%	35.0%	35.7%	35.0%	35.0%	35.0%	35.0%	35.0%
Book Value per diluted share	10.98	12.07	13.06	13.09	13.47	14.01	14.01	14.52	15.10	15.74	16.38	16.38
	+ +	+										
A	467.007.0	472.024.5	475 405 0	476 520 0	470 440 5	402.070.0	470 200 0	402.025.2	407.550.7	402.000.0	406.053.6	404 004 0
Average primary IIF	167,097.3	173,821.5	175,485.0	176,529.0	179,418.5	182,070.8	179,299.9	183,925.3	187,550.7	192,699.0	196,052.8	191,801.8
Total primary NIW	37,349.0	41,411.0	8,071.0	12,921.0	15,656.0	10,008.9	46,656.9	10,088.8	13,631.7	13,464.2	10,509.3	47,693.9
Average premium rate	0.52%	0.53%	0.50%	0.52%	0.53%	0.53%	0.52%	0.53%	0.53%	0.53%	0.53%	0.53%

Source: BTIG Estimates and Company Documents



BTIG Covered Companies Mentioned in this Report

RADIAN GROUP, INC. (RDN, Buy, \$22.00 PT; Current Price: \$14.35; Analyst: mark.palmer)



Appendix: Analyst Certification and Other Important Disclosures

Analyst Certification

I, Mark Palmer, hereby certify that the views about the companies and securities discussed in this report are accurately expressed and that I have not received and will not receive direct or indirect compensation in exchange for expressing specific recommendations or views in this report.

I, Giuliano Bologna, hereby certify that the views about the companies and securities discussed in this report are accurately expressed and that I have not received and will not receive direct or indirect compensation in exchange for expressing specific recommendations or views in this report.

Regulatory Disclosures

Analyst Stock Ratings Definitions

BTIG LLC's ("BTIG") ratings, effective May 10, 2010, are defined as follows:

BUY – A stock that is expected at initiation to produce a positive total return of 15% or greater over the 12 months following the initial recommendation. The BUY rating may be maintained following initiation as long as it is deemed appropriate, notwithstanding price fluctuations that would cause the target to fall outside of the 15% return.

SELL – A stock that is expected at initiation to produce a negative total return of 15% or greater over the next 12 months following the initial recommendation. The SELL rating may be maintained following initiation as long as it is deemed appropriate, notwithstanding price fluctuations that would cause the target to fall outside of the 15% return.

NEUTRAL – A stock that is not expected to appreciate or depreciate meaningfully over the next 12 months. **NOT RATED** – A stock that is not rated but that is covered by BTIG.

Distribution of Ratings and Investment Banking Clients

BTIG must disclose in each research report the percentage of all securities rated by the member to which the member would assign a "buy", "neutral" or "sell" rating. The said ratings are updated on a quarterly basis. BTIG must also disclose the percentage of subject companies within each of these three categories for whom the member has provided investment banking services within the previous twelve months. Stocks under coverage as of the end of the most recent calendar quarter (September 30, 2016): 251

Distribution of BTIG's Research Recommendations (as of September 30, 2016):

BUY: 54.6%; NEUTRAL: 41.8%; SELL: 3.6%

Distribution of BTIG's Investment Banking Services (as of September 30, 2016):

BUY: 78.9%; NEUTRAL: 15.8%; SELL: 5.3%

For purposes of FINRA ratings distribution rules, BTIG's stock ratings of Buy, Neutral and Sell fall into Buy, Hold and Sell categories, respectively.

Company Valuation and Risk Disclosures

Radian Group, Inc. (RDN, Buy, \$22 PT)

Valuation: Our price target of \$22 for RDN is based on 12X our 2017E EPS of \$1.80

Risks: The primary risks to our thesis include: Additional moves by the FHA to make its mortgage insurance offering more competitive could adversely impact demand for RDN's product. Competition with other PMIs could result in lower revenues and/or lower premium yields. A downturn in the U.S. economy could result in in higher delinquencies and higher losses on RDN's existing portfolio.





Note: Closing Price and Target Price have been adjusted for corporate actions.

Date	Closing Price (\$)	Target Price (\$)	Analyst	Rating
09-Mar-15	16.17	22	Mark Palmer	Buy

Other Disclosures

Additional Information Available Upon Request

General Disclosures

Research reports produced by BTIG LLC ("BTIG") are published for and intended to be distributed solely to BTIG institutional and corporate clients. Recipients of BTIG reports will not be considered clients of BTIG solely because they may have received such BTIG report.

The equity research analyst(s) responsible for the preparation of this report receives compensation based upon a variety of factors, including the quality and accuracy of research, internal/client feedback, and overall Firm revenues.

BTIG reports are based on public information and BTIG considers the same to be reliable, comprehensive information, but makes no representation or warranty that the reports are accurate or complete. BTIG opinions and information provided in this report are as of the date of the report and may change without notice.

This research report is not an offer to buy or sell or solicitation of an offer to buy or sell any security in any jurisdiction where such an offer or solicitation would be illegal. This research report was not drafted specifically for any particular individual or entity and is not a personal recommendation to participate in any particular trading strategy or transaction. Any recipient of this research report should obtain independent advice specific to their personal circumstances before undertaking any investment activity and must make their own independent evaluation of any securities or financial instruments.

Facts, views or opinions presented in this report have not been reviewed by, and may not reflect information known to, employees or other professionals in the "BTIG Group" (BTIG Group includes, but is not limited to, BTIG and its parents, subsidiaries and/or affiliates). BTIG Group employees, including Sales Representatives and Traders, may provide oral or written commentary or advice that may be inconsistent with the opinions and/or views expressed in this research report. BTIG Group employees and/or its affiliates not involved in the preparation



of this research report may have investments in securities or derivatives of securities of companies mentioned in this report that are inconsistent with the views discussed in this report.

Investors in securities products bear certain risks in conjunction with those investments. The value of, and income from, any investments may vary because of changes in interest rates or foreign exchange rates, securities prices or market indexes, operational or financial conditions of companies or other factors within or beyond the companies control. Recipient of the research reports should be aware that investments in equity securities may pose significant risks due to the inherent uncertainty associated with relying on forecasts of various factors that can affect the earnings, cash flow and overall valuation of a company. Any investment in equity securities should be undertaken only upon consideration of issues relating to the recipient's overall investment portfolio and objectives (such as diversification by asset class, industry or company) as well as time horizon and liquidity needs. Further, past performance should not be taken as an indication or guarantee of future performance, and no representation or warranty, express or implied, is made regarding future performance. There may be time limitations on the exercise of options or other rights in any securities transactions.

Investing in foreign markets and securities, including ADRs, is subject to additional risks such as currency fluctuation, limited information, political instability, economic risk, and the potential for illiquid markets. Investing in emerging markets may accentuate these risks. Non-U.S. reporting issuers of foreign securities, however, may not make regular or complete public disclosure relating to their financial condition or the securities that they issue.

The trademarks and service marks contained herein are the property of their respective owners. Third-party data providers make no warranties or representations of any kind relating to the accuracy, completeness, or timeliness of the data they provide and shall not have liability of any damages of any kind relating to such data. The report or any portion hereof may not be reprinted, sold or redistributed without the written consent of BTIG. This report is intended only for use by the recipient. The recipient acknowledges that all research and analysis in this report are the property of BTIG and agrees to limit the use of all publications received from BTIG within his, or her or its, own company or organization. No rights are given for passing on, transmitting, re transmitting or reselling the information provided.

Jurisdiction and Dissemination

BTIG is a U.S. broker-dealer and member of FINRA and SIPC.

BTIG Australia Limited ACN 128 554 601, member of ASIC and ASX; BTIG Hong Kong Limited, an Exchange Participant of SEHK and licensed and regulated by the SFC; BTIG Ltd, member of the LSE, authorized and regulated by the FSA; and BTIG Singapore Pte Ltd, registered and licensed with MAS; are all separate but affiliated entities of BTIG. Unless governing law permits otherwise, you must contact a BTIG entity in your home jurisdiction for further information, or if you want to use our services in effecting a transaction.

Issues and approved for distribution in the UK and EEA by BTIG Ltd. to eligible counterparties and professional clients only. Issued and distributed in Australia to "wholesale clients" only by BTIG Australia Limited. In Singapore and Hong Kong, further information may be obtained from BTIG Singapore Pte Ltd and BTIG Hong Kong Limited, respectively.