

EMIS Group

Acquisitions

Software & comp services

Acquiring blockchain expertise

EMIS has announced two investments: the acquisition of the remaining 21.1% minority interest in Rx Systems and the acquisition of Dovetail Digital, a healthcare blockchain technology start-up. This gives EMIS full control of the community pharmacy business and a head start in the use of blockchain to provide secure access to patient data. These investments have consumed c £9.5m in cash. The net effect of these acquisitions is an increase in our normalised EPS forecasts of 0.6% in FY18 and 2.4% in FY19 and FY20.

Year end	Revenue (£m)	PBT* (£m)	Dil EPS* (p)	EMIS adj. dil. EPS** (p)	DPS (p)	P/E (x)
12/17	160.4	35.2	43.1	47.0	25.8	21.1
12/18e	170.4	36.9	45.4	47.0	28.4	20.0
12/19e	176.8	39.3	49.8	49.5	29.8	18.2
12/20e	184.1	42.5	54.5	54.6	31.4	16.7

Note: *PBT and EPS are normalised, excluding amortisation of acquired intangibles, exceptional items and share-based payments. **EMIS adjusted EPS – cash accounts for development costs, and excludes exceptional items and amortisation of acquired intangibles.

Acquiring remaining 21.1% of Rx Systems

Having acquired 78.9% of Rx Systems in 2010, EMIS has just acquired the remaining 21.1% from Phoenix Medical Supplies for £8m in cash. This gives EMIS full control of the community pharmacy business. Phoenix owns the 500+-strong Rowlands Pharmacy chain and we expect the chain will continue to use EMIS software. Rx paid a £19m dividend just prior to this, and we have reflected the £4m outflow to minority shareholders.

Exploring the use of blockchain for healthcare

EMIS has acquired Dovetail Digital for £2.5m in initial consideration (£1.5m cash paid and £1m equity to be issued subject to hitting milestones) and up to £2.5m contingent consideration. Dovetail has designed blockchain-based software that gives patients full control of their healthcare records, delivering secure exchange of data between different health services and new digital technologies involved in patient care. The software is currently being trialled by the NHS. We have reflected minimal revenues and a cost base of c £1m per annum. We expect to learn more about how this technology will fit into the wider roadmap when the company presents its growth plans at its Capital Markets Day on 29 November.

Valuation: Growth strategy key to upside

EMIS is trading on 20.0x FY18e EPS and 18.2x FY19e EPS, at a 26% and 22% discount respectively to its peer group average. Although EMIS is more profitable than its peers, it lags in terms of revenue and earnings growth. Evidence of an acceleration of earnings growth will be key to share price upside – in the shorter term, this could include positive news on the English primary care procurement and, in the longer term, evidence that the investment in Patient is paying off as well as more information on the growth strategy. Strong cash generation underpins the 3% dividend yield.

6 November 2018

Price	909p
Market cap	£576m
Net cash (£m) at end H118	32.3
Shares in issue	63.3m
Free float	98%
Code	EMIS
Primary exchange	AIM
Secondary exchange	N/A

Share price performance



Business description

EMIS is a clinical software supplier to the primary, community and acute care markets in the UK, as well as providing software to the community pharmacy and specialist ophthalmology markets. Its Patient business provides medical and well-being information as well as transactional services to patients.

Capital Markets Day	29 November 2018
---------------------	------------------

Analysts

Katherine Thompson +44 (0)20 3077 5730 Dan Ridsdale +44 (0)20 3077 5729

tech@edisongroup.com

Edison profile page

EMIS Group is a research client of Edison Investment Research Limited



Changes to estimates

£000s	FY18e				FY19e				FY20e			
	Old	New	Change	у-о-у	Old	New	Change	у-о-у	Old	New	Change	у-о-у
Revenues	170,420	170,420	0.0%	6.3%	176,280	176,780	0.3%	3.7%	183,644	184,144	0.3%	4.2%
Normalised operating profit	36,360	36,360	0.0%	4.2%	39,429	38,999	-1.1%	7.3%	42,630	42,180	-1.1%	8.2%
Reported operating profit	28,642	28,642	0.0%	169.2%	31,711	31,281	-1.4%	9.2%	35,151	34,701	-1.3%	10.9%
EMIS adjusted operating profit	37,336	37,336	0.0%	-0.2%	39,257	38,797	-1.2%	3.9%	42,689	42,207	-1.1%	8.8%
Normalised EPS (p)	45.2	45.4	0.6%	5.5%	48.7	49.8	2.4%	9.6%	53.2	54.5	2.4%	9.4%
Reported EPS (p)	35.9	36.2	0.8%	182.8%	39.0	40.2	3.0%	11.0%	43.8	45.1	2.9%	12.2%
EMIS adjusted EPS (p)	46.7	47.0	0.6%	-0.1%	48.4	49.5	2.3%	5.3%	53.3	54.6	2.3%	10.2%
Net cash/(debt)	17,796	4,196	-76.4%	-70.0%	24,693	10,686	-56.7%	154.7%	37,838	23,454	-38.0%	119.5%



£'000s	2014	2015	2016	2017	2018e	2019e	2020
Year end 31 December							
PROFIT & LOSS							
Revenue	137,639	155,898	158,712	160,354	170,420	176,780	184,14
Cost of Sales	(12,782)	(12,955)	(14,151)	(14,674)	(15,934)	(16,847)	(17,807
Gross Profit	124,857	142,943	144,561	145,680	154,486	159,933	166,33
EBITDA	47,645	51,964	52,288	49,222	50,722	53,751	57,26
Operating Profit (before amort. of acq. intang, SBP and except.)	34,787	37,123	38,897	34,895	36,360	38,999	42,18
EMIS adjusted operating profit	32,639	36,553	38,753	37,406	37,336	38,797	42,20
Amortisation of acquired intangibles	(6,269)	(6,509)	(6,639)	(6,717)	(6,718)	(6,718)	(6,479
Exceptionals	873	(18,500)	(6,714)	(16,988)	0	0	(
Share-based payments	(270)	(684)	(473)	(550)	(1,000)	(1,000)	(1,000
Operating Profit	29,121	11,430	25,071	10,640	28,642	31,281	34,70
Net Interest	(543)	(449)	(237)	(299)	(50)	(300)	(300
Profit Before Tax (norm)	34,206	36,625	39,159	35,192	36,946	39,335	42,510
Profit Before Tax (FRS 3)	28,540	10,932	25,333	10,937	29,228	31,617	35,037
Tax	(5,719)	(5,558)	(5,208)	(2,074)	(5,583)	(6,323)	(6,657
Profit After Tax (norm)	27,617	29,801	32,175	27,989	29,557	31,468	34,438
Profit After Tax (FRS3)	22,821	5,374	20,125	8,863	23,645	25,294	28,38
Average Number of Shares Outstanding (m)	62.8	62.7	62.8	62.9	63.0	63.0	63.0
EPS - normalised & diluted (p)	42.8	46.0	49.4	43.1	45.4	49.8	54.5
EPS - EMIS adjusted & diluted (p)	39.4	45.1	49.2	47.0	47.0	49.5	54.6
EPS - FRS 3 (p)	35.3	7.2	30.4	12.8	36.2	40.2	45.
Dividend (p)	18.4	21.2	23.4	25.8	28.4	29.8	31.4
Gross Margin (%)	90.7%	91.7%	91.1%	90.8%	90.7%	90.5%	90.3%
EBITDA Margin (%)	34.6%	33.3%	32.9%	30.7%	29.8%	30.4%	31.19
Operating Margin (before GW and except.) (%)	25.3%	23.8%	24.5%	21.8%	21.3%	22.1%	22.9%
BALANCE SHEET							
Fixed Assets	166,415	143,546	133,292	122,979	118,035	117,201	109,270
Intangible Assets	139,397	121,383	110,953	100,844	94,264	86,344	78,42
Tangible Assets	24,313	22,032	22,187	22,037	23,037	29,487	28,83
Other fixed assets	2,705	131	152	98	734	1,370	2,00
Current Assets	37,221	39,800	46,088	56,900	48,317	64,393	78,99
Stocks	1,550	1,206	1,815	1,633	1,633	1,633	1,63
Debtors	28,732	33,893	39,970	40,148	42,488	44,074	45,91
Cash	6,939	4,701	4,303	13,991	4,196	18,686	29,45
Current Liabilities	(67,665)	(63,819)	(56,158)	(65,131)	(58,329)	(62,506)	(65,026
Creditors	(54,763)	(51,960)	(51,425)	(65,131)	(58,329)	(60,506)	(63,026
Short term borrowings	(12,902)	(11,859)	(4,733)	0	0	(2,000)	(2,000
Long Term Liabilities	(21,063)	(12,481)	(9,080)	(6,734)	(5,020)	(9,716)	(4,361
Long term borrowings	(5,854)	(1,951)	0	0	0	(6,000)	(4,000
Other long term liabilities	(15,209)	(10,530)	(9,080)	(6,734)	(5,020)	(3,716)	(361
Net Assets	114,908	107,046	114,142	108,014	103,002	109,372	118,87
CASH FLOW							
Operating Cash Flow	44,856	42,711	43,657	48,834	40,580	54,342	57,952
Net Interest	(445)	(422)	(324)	(356)	27	(223)	(300
Tax	(5,247)	(6,896)	(7,655)	(8,139)	(6,168)	(7,628)	(12,012
Capex	(15,161)	(14,058)	(12,084)	(11,342)	(13,000)	(13,000)	(13,000
Acquisitions/disposals	(9,959)	(4,587)	(1,790)	329	(9,500)	0	(-,
Financing	(1,578)	492	881	571	(577)	(577)	(500
Dividends	(10,792)	(14,532)	(14,006)	(15,476)	(21,157)	(18,424)	(19,373
Net Cash Flow	1,674	2,708	8,679	14,421	(9,795)	14,491	12,76
Opening net debt/(cash)	13,491	11,817	9,109	430	(13,991)	(4,196)	(10,686
HP finance leases initiated	0	0	0	0	0	(8,000)	(,
Other	0	0	0	0	0	0	
Closing net debt/(cash)	11,817	9,109	430	(13,991)	(4,196)	(10,686)	(23,454



Edison is an investment research and advisory company, with offices in North America, Europe, the Middle East and AsiaPac. The heart of Edison is our world-renowned equity research platform and deep multi-sector Easion in Nesting and advisory of company, wind mines in North America, Europe, the wholide scalar land salar and Assardact. The heart of Deutson is out whole-relevance equity research platform to provide expertises. The heart of Deutson is out whole-relevance equity research platform to provide differentiated services including investors, advisors and stakeholders. Edison Advisors leverages our core research platform to provide services including investor relations and strategic consulting. Edison is authorised and regulated by the Financial Conduct Authority. Edison Investment Research (NZ) Limited (Edison NZ) is the New Zealand subsidiary of Edison. Edison NZ is registered on the New Zealand Financial Service Providers Register (FSP number 247505) and is registered to provide wholes ale and/or generic financial adviser services only. Edison Investment Research Pty Limited (Edison Aus) [46085869] is the Australian subsidiary of Edison. Edison Germany is a branch entity of Edison Investment Research Limited [4794244]. www.ediso

Copyright 2018 Edison Investment Research Limited. All rights reserved. This report has been commissioned by EMIS Group and prepared and issued by Edison for publication globally. All information used in the publication of this report has been compiled from publicly available sources that are believed to be reliable, however we do not guarantee the accuracy or completeness of this report. Opinions contained in this report represent those of the research department of Edison at the time of publication. The securities described in the Investment Research may not be eligible for sale in all jurisdictions or to certain categories of investors. This research is issued in Australia by Edison Investment Research Pty Ltd (Corporate Authorised Representative (1252501) of Myonlineadvisers Pty Ltd (AFSL: 427484)) and any access to it, is intended only for "wholesale clients" within the meaning of the Corporations Act 2001 of Australia. The Investment Research is distributed in the United States by Edison US to major US institutional investors only. Edison US is registered as an investment adviser with the Securities and Exchange Commission. Edison US relies upon the "publishers' exclusion" from the definition of investment adviser under Section 202(a)(11) of the Investment Advisers Act of 1940 and corresponding state securities laws. As such, Edison does not offer or provide personalised advice. We publish information about companies in which we believe our readers may be interested and this rest and consequently active several test and states and several test and this information reflects our sincere opinions. The information that we provide or that is derived from our website is not intended to be, and should not be construed in any manner whatsoever as, personalised advice. Also, our website and the information provided by us should not be construed by any subscriber or prospective subscriber as Edison's solicitation to effect, or attempt to effect, any transaction in a security. The research in this document is intended for New Zealand resident professional financial advisers or brokers (for use in their roles as financial advisers or brokers) and habitual investors who are "wholesale clients" for the purpose of the Financial Advisers Act 2008 (FAA) (as described in sections 5(c) (1)(a), (b) and (c) of the FAA). This is not a solicitation or inducement to buy, sell, subscribe, or underwrite any securities mentioned or in the topic of this document. This document is provided for information purposes only and should not be construed as an offer or solicitation for investment in any securities mentioned or in the topic of this document. A marketing communication under FCA Rules, this document has not been prepared in accordance with the legal requirements designed to promote the independence of investment research and is not subject to any prohibition on dealing ahead of the dissemination of investment research. Edison has a restrictive policy relating to personal dealing. Edison Group does not conduct any investment business and, accordingly, does not itself hold any positions in the securities mentioned in this report. However, the respective directors, officers, employees and contractors of Edison may have a position in any or related securities mentioned in this report. affiliates may perform services or solicit business from any of the companies mentioned in this report. The value of securities mentioned in this report can fall as well as rise and are subject to large and sudden swings. In addition it may be difficult or not possible to buy, sell or obtain accurate information about the value of securities mentioned in this report. Past performance is not necessarily a guide to future performance. Forward-looking information or statements in this report contain information that is based on assumptions, forecasts of future results, estimates of amounts not yet determinable, and therefore involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of their subject matter to be materially different from current expectations. For the purpose of the FAA, the content of this report is of a general nature, is intended as a source of general information only and is not intended to constitute a recommendation or opinion in relation to acquiring or disposing (including refraining from acquiring or disposing) of securities. The distribution of this document is not a "personalised service" and, to the extent that it contains any financial advice, is intended only as a "class service" provided by Edison within the meaning of the FAA (ie without taking into account the particular financial situation or goals of any person). As such, it should not be relied upon in making an investment decision. To the maximum extent permitted by law, Edison, its affiliates and contractors, and their respective directors, officers and employees will not be liable for any loss or damage arising as a result of reliance being placed on any of the information contained in this report and do not guarantee the returns on investments in the products discussed in this publication. FTSE International Limited ("FTSE") © FTSE 2018. "FTSE@" is a trade mark of the London Stock Exchange Group companies and is used by FTSE International Limited under license. All rights in the FTSE indices and/or FTSE ratings vest in FTSE and/or its licensors. Neither FTSE nor its licensors accept any liability for any errors or omissions in the FTSE indices and/or FTSE ratings or underlying data. No further distribution of FTSE Data is permitted without FTSE's express written consent.