



Track Group

Better positioned

Track Group has restructured its business through the course of FY15 to create an end-to-end offender monitoring service. Several large contracts support organic growth and management continues to consider further acquisitions to expand the service offering. With debt refinanced and supply-chain processes streamlined, the business is in a stronger position to drive revenue growth, margins and cash flow.

Year end	Revenue (\$m)	PBT* (\$m)	EPS* (\$)	DPS (\$)	P/E (x)	Yield (%)
09/14	12.3	(5.4)	(54.4)	0.0	N/A	N/A
09/15	20.8	(6.1)	(59.8)	0.0	N/A	N/A
09/16e	28.1	(3.6)	(35.2)	0.0	N/A	N/A
09/17e	42.0	2.8	27.2	0.0	28.2	N/A

Note: *PBT and EPS are normalised, excluding exceptional items and share-based payments.

Restructuring designed to drive recurring revenue

Track Group has restructured its business to provide monitoring solutions to the corrections industry under a platform-as-a-service (PaaS) model, which it expects will create significant competitive advantage as it strives to acquire new contracts and grow recurring revenue. Track has also restructured \$28m of short-term debt (due 2016) into \$30.4m maturing in July 2018, improving its financial flexibility, in our view.

FY15 revenues boosted by M&A and large contract

Track reported 70% y-o-y revenue growth in FY15, showing the effect of recent acquisitions and the \$3.9m contribution from the contract with the Chilean prison service. The company reported a net loss of \$5.7m. Taking into account one-off items, Track reported adjusted EBITDA of \$1.2m (6% margin).

Outlook is for rapid margin expansion

Company guidance suggests strong revenue growth and EBITDA margin expansion over FY16/FY17. We have revised our forecasts, conservatively assuming the company generates revenues and EBITDA at the lower end of the guidance range in both years. Q116 revenues of \$6.3m (+36.7% y-o-y, +6.8% q-o-q) showed progress towards FY16 guidance. News of large monitoring contracts and sales of analytics solutions to existing and new customers will be crucial to track progress towards these targets.

Valuation: Contract wins key

Our reverse DCF suggests that the current valuation prices in a revenue CAGR of 15.5% to c \$88m in 2025 with EBITDA margins reaching 25% at this time. To put this into context, we believe this could be achieved through securing three or four significant contracts similar in size to Chile over the next 10 years. The securing of further national/state-wide deals is therefore a key catalyst, as this could put Track

FY15 and Q116 results

Tech hardware & equipment

15 February 2016

Price US\$7.65
Market cap US\$78m

Net debt (\$m) at end FY15	26.1
Shares in issue	10.26m
Free float	30%
Code	TRCK
Primary exchange	OTCQX
Secondary exchange	N/A

Share price performance



%	1m	3m	12m
Abs	(14.1)	(33.3)	(57.3)
Rel (local)	(11.4)	(35)	(56.8)
52-week high/low	US\$12.49	US\$2.15	

Business description

Track Group develops and provides end-to-end B2B and B2G tracking solutions that combine real-time tracking devices and monitoring services with advanced data analytics for the global offender management market.

Next event

Q216 results May 2016

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Group ahead of this growth curve and improve commercial credentials.





Business update

Track Group's tracking solutions blend real-time GPS tracking devices with around-the-clock monitoring and data analytics for the global offender management market. This encompasses the monitoring of parolees/probationers under community supervision orders (for both corrections and military organisations) and the monitoring of defendants pre-trial (for law enforcement). Over the past couple of years, the company has transitioned its business through a series of M&A transactions (see Exhibit 1).

Strategy: Providing end-to-end monitoring services

The company's strategy is to expand its offerings on a subscription basis to provide an end-to-end offender management solution to support re-socialisation, monitoring and predictive analytics for offenders. Management wants to grow its portfolio of proprietary and non-proprietary real-time monitoring and intervention products through a combination of internal development and acquisition. The company's expertise and hence current focus is on the offender management market. However, its tracking/monitoring technology could ultimately be applied to other verticals such as the home care market (for seniors or sufferers of Alzheimer's) or asset tracking.

Reshaping the business

Track Group began operations primarily as a manufacturer producing the actual tracking device. In a strategic repositioning, through the acquisitions outlined below and restructuring of the procurement process, Track Group has transitioned its business to a service and analytics model. Although the company continues to produce the devices, management's focus has shifted to providing an end-to-end service to the corrections industry.

Subscription-led model drives up proportion of recurring revenues

As electronic monitoring is a competitive area, Track Group aims to differentiate itself by providing a package of services from which its customers can select on a PaaS basis. This includes the basic tracking devices, add-ons including an alcohol monitoring device, monitoring services and/or analytics services.

The business model enables the company to generate recurring revenue from subscription contracts. This approach enables recurring and higher margin revenue compared to one-time sales of physical tracking devices. As a result, management expects the transition to this model to both accelerate revenue growth and lead to improved margins and cash flows.

Acquisitions broaden product offering and customer base

Exhibit 1: Recent acquisitions

Date	Name	Description	Cost
Mar-14	GPS Global	Advanced electronic monitoring technology & platform	\$311k cash, \$4.5m equity (issued), \$3m equity (contingent)
Jun-14	Emerge Monitoring	Real-time alcoholic monitoring technology	\$7.7m cash
Nov-14	G2 Research	Device-agnostic analytics	C\$2m cash, C\$0.6m equity (deferred), C\$2m equity (contingent)

Source: Track Group

- **GPS Global:** this acquisition gives Track access to GPS Global's Shadow device technology. The device has a much higher proportion of pre-built components than Track's legacy ReliAlert device, which means that assembly and manufacturing costs are significantly lower. We note that while Track expects to replace ReliAlert tags with Shadow tags, the Shadow tag at present cannot be used where customers need voice communication-enabled tags.



- **Emerge Monitoring:** this acquisition expanded the company's customer base in the US (adding c 1,500 subscribers in FY14) and added a real-time alcohol monitoring system (RADAR).
- **G2 Research:** this deal gives Track Group the ability to provide analytics for the monitoring data collected by its customers. The technology is device agnostic, which means that in addition to its existing customer base, Track could sell analytics solutions to organisations that use competitor tracking devices. G2's customer base includes national security, law enforcement, community corrections, and health research organisations. The analytics services may also be developed to provide advanced warnings of crimes that may be committed by people wearing tags, based on their location and previous movements. This could be a key selling point for Track Group's devices and could help maintain daily lease rates and win new customers. Analytics solutions are sold as recurring contracts or as ad-hoc projects.

With the company's stated aim of broadening its product offering through internal development and M&A, we expect the company will make additional acquisitions.

Large contracts drive monitoring revenue growth

Chilean prison service contract well underway

In November 2013 Track Group signed a substantial contract with the Chilean prison service to supply up to 9,400 devices over 41 months, with the contract worth up to \$70m revenue (assuming 100% utilisation of the 9,400 tags). A \$3.4m performance bond was posted by Track Group as a condition of the contract and will be returned on successful completion. In FY15, this contract generated revenues of \$3.9m (19% of total FY15 revenues) as tags were rolled out. We expect continued growth in the number of tags in use through FY16 and FY17.

New contract with Virginia DoC

In October 2015, Track Group was awarded a contract by the Virginia Department of Corrections (DoC) to provide monitoring services. The contract calls for Track Group to deliver solutions based on GPS and biometric voice verification technology designed to monitor more than 16,000 offenders and defendants. At the end of 2014, Virginia had 37,544 inmates incarcerated, with an additional 1,732 on parole and 54,966 on probation (source: Bureau of Justice Statistics).

The contract has a minimum term of two years, with four one-year extensions at Virginia's option, for a total term of six years. The contract is valued at an estimated \$11.3m over the six years. In addition, the contract allows other state agencies to secure monitoring services without a formal bidding process, which management believes could also enhance the company's opportunities in Virginia. Successful execution of this contract could facilitate further expansion within the state and in contiguous markets.

Growing track record could help secure additional large contracts

We understand from management that there are a number of substantial contracts coming up for tender over the next few years; if Track Group can win some of these contracts it could prove transformational for the business. The company has indicated that the process to win the Chilean contract was extremely competitive and that Track Group won because it was able to demonstrate more consistent and intense oversight of the offenders being monitored. Management believes this win could lead to additional contracts in other markets. Track's share of the US and international electronic monitoring markets is low, providing plenty of scope to grow.



Financials

Review of FY15 results

Track Group reported revenue growth of 70% in FY15. The Chilean contract generated revenues of \$3.9m in the year (from zero in FY14) and we estimate that the remaining c \$4m revenue increase was generated by the recently acquired businesses and a small improvement in the legacy Track Group business. The company noted that tag subscriptions grew from 6,400 at the end of FY14 to more than 10,000 at the end of FY15 – we estimate that the majority of this increase was from the roll-out of the Chilean contract.

Gross margin increased to 60.2%, showing an upwards progression through the year (Q1 55.7%, Q2 57.9%, Q3 62.0%, Q4 63.5%), helped by the contribution of higher-margin analytics sales from the G2 Research acquisition. During FY15, the business began using an external fulfilment service provider so now it no longer assembles, repairs, or processes inventory or monitoring equipment – this has also contributed to the improved margin.

In "Other Income", the company reported \$4.9m of disgorgement profits – we treat this as a one-off credit. The company paid a small amount of tax in several overseas territories; in the US the company has unrecognised tax losses worth \$142m (these start to expire from 2020).

Exhibit 2: Track Group FY15 results highlights

\$m	FY15	FY14	y-o-y
Revenues	20.8	12.3	69.6%
Gross profit	12.5	6.8	85.0%
Gross margin	60.2%	55.2%	9.1%
Company adjusted EBITDA	1.2	-2.1	
Operating profit	-8.2	-7.7	6.2%
Normalised net income	-6.1	-5.4	
Net income	-5.7	-8.7	-35.2%
Normalised EPS (c)	-59.8	-54.4	-9.9%
Reported EPS (c)	-55.8	-87.9	36.5%
Net debt	26.1	19.4	34.6%

Source: Track Group, Edison Investment Research

Review of Q116 results

On 9 February, the company reported Q116 results. The table below shows the key data:

Exhibit 3: Quarterly results highlights

\$m	Q116	Q115	y-o-y
Revenues	6.3	4.6	36.7%
Gross profit	3.9	2.6	51.0%
Gross margin	61.5%	55.7%	5.8%
Loss from operations	(1.4)	(1.6)	14.6%
Net loss	(2.1)	(2.2)	4.0%
EPS (\$)	(0.21)	(0.22)	4.5%
Net debt	28.0	25.2	11.1%

Source: Track Group

Revenue growth of 36.7% was driven by the growth in monitoring devices in the Americas (we assume this was mainly due to the Chile contract) and to a lesser extent the impact of the G2 Research acquisition (November 2014). The company noted that it had expanded deployment of its data analytics service to Detroit, Indianapolis and Philadelphia, also contributing to growth.

The company provided a reconciliation of net income to adjusted EBITDA.


Exhibit 4: EBITDA reconciliation

\$m	FY15	FY14	Q116	Q115
Net loss	(5.67)	(8.76)	(2.13)	(2.22)
Interest expense	2.54	0.92	0.70	0.67
Dividends on Series D preferred stock	0.00	0.01	0.00	0.00
Tax	0.02	0.06	0.01	0.00
Depreciation & amortisation	4.40	2.43	1.19	1.08
Impairment	0.23	0.37	0.06	0.06
Stock based compensation	1.70	1.49	0.36	0.08
M&A costs	0.43	1.18	0.00	(0.07)
Other non-cash charges	0.42	0.25	0.16	0.00
Non-recurring one-time charges	1.85	0.00	0.00	0.00
Non-recurring one-time benefits	(4.70)	0.00	0.00	0.00
Adjusted EBITDA	1.23	(2.04)	0.34	(0.39)
Adjusted EBITDA margin	5.9%	-16.7%	5.3%	-8.5%

Source: Track Group

Operating expenses totalled \$20.7m for FY15, up from \$14.5m in FY14. Stripping out the one-off charges as per the reconciliation, we estimate "clean" operating expenses totalled \$16.1m in FY15 (\$11.2m FY14) and \$13.2m excluding depreciation and amortisation (\$9.6m FY14). The majority of the increase in costs will have been from the recent acquisitions. For Q116, clean operating expenses totalled \$4.7m (\$4.1m Q115) or \$4.0m excluding depreciation (\$3.5m Q115).

Outlook and changes to forecasts

The company has provided the following guidance:

Exhibit 5: Company guidance

	FY16e	FY17e
Revenues	\$28-31m	\$42-47m
Adjusted EBITDA	15-20%	25-30%

Source: Track Group

We have revised our forecasts to reflect the low end of the range for both years. To achieve the low end of FY16 guidance, we expect the number of subscribers on the Chile contract to continue to grow and the Virginia DoJ contract to start to contribute. The acquisition of G2 Research also adds a combination of one-off project revenues and recurring revenues. On the Q1 revenue run rate, with no additional growth, Track Group would achieve FY16 revenues of \$25.3m.

For FY17, we expect the company to earn revenues closer to \$2m from the Virginia contract, with additional growth from Chile and growth in sales of analytics solutions.

Exhibit 6: Changes to forecasts

\$m	FY16e old	FY16e new	diff	FY17e new
Revenues	32.8	28.1	-14.3%	42.0
Gross profit	21.4	18.3	-14.6%	28.1
Gross margin	65.3%	65.0%	-0.3%	67.0%
Adjusted EBITDA	13.4	4.2	-68.6%	10.8
Adjusted EBITDA margin	41.0%	15.0%	-26.0%	25.8%
Normalised operating profit	9.1	-0.7	-108.2%	5.6
Normalised net income	7.5	-3.6	-148.3%	2.8
Net income	4.1	-5.8	-239.5%	0.7
Normalised EPS (c)	74.0	-35.2	-147.6%	27.2
Reported EPS (c)	40.9	-56.2	-237.4%	7.0
Net debt	15.5	26.7	72.6%	23.2

Source: Edison Investment Research

Cleaner balance sheet

In FY15 Track Group restructured its \$28m of short-term unsecured debt maturing in 2016 into \$30.4m maturing in July 2018 with the same lender, Conrent Invest. The 8% interest rate remains



unchanged. Most of the additional \$2.4m in financing relates to fees and interest accrued through to January 2016. Track Group's amended debt facility also provides the company with a voluntary prepayment option that allows Track Group to prepay all principal and interest before July 2018 without incurring a penalty or prepayment fee.

Subsequently, Track Group entered into an agreement with Sapinda Asia for a \$5m unsecured revolver that incurs interest at 8% pa on borrowed funds and 3% on the untapped amount outstanding on the revolver. Sapinda Asia is a major shareholder of Track Group. In our view the refinancing improves the company's financial flexibility and should make it easier to finance future transactions. The company ended FY15 with cash of \$4.9m versus \$11.1m at the end of FY14.

The company needs capital to pursue strategic M&A to complement its organic growth initiatives. Earlier this month, the board and major shareholder approved an amendment to enable Track Group to issue up to 30m common shares from the previous authorization of 15m. We note that the company is pursuing an up-listing to a regulated exchange – this should provide the company with improved access to funding.

Valuation

If Track Group can follow up the Chilean and Virginia DoC contracts by securing further state or nationwide deals, we believe there is clear potential to drive upside. The opportunity for electronic monitoring of offenders is clearly substantial and there is further potential in other verticals such as healthcare and logistics, although the pace of growth and ultimate potential market size is difficult to quantify. Given Track's comparatively early stage of development and the lack of direct peers, we believe that a reverse DCF provides the best gauge as to what the company needs to achieve to both justify its current valuation and drive further upside.

Reverse DCF

Our reverse DCF suggests that the current valuation prices in a revenue CAGR of 15.5% to c \$88m in 2025 with EBITDA margins reaching 25% at this time. Revenue CAGR from 2017 to 2025 (ie after our explicit forecast period) is 9.7%. Our revenue forecasts assume annual growth of devices in use falling to 10% by 2025 before churn of 8%, with a declining daily lease price. In addition, we have factored in a CAGR of 8% for other revenues (which incorporates analytics and product sales) from 2017-2025. We estimate that this could be achieved through rolling-out and retaining only three or four significant contracts similar in volume size to Chile over the next 10 years. Our DCF assumes a WACC of 10% and terminal growth of 2%. There is a high degree of uncertainty in these assumptions and therefore it is useful to look at a range of revenue growth rates and terminal EBITDA margins (Exhibit 6). Varying the WACC by +1%/-1% impacts the valuation by -16%/+20%.

Exhibit 7: Sensitivity analysis – EBITDA margins

		Revenue growth rate in 2017						
EBITDA Margin	\$	7.7	26.0%	31.0%	36.0%	41.0%	46.0%	51.0%
		15.0%	3.2	3.4	3.7	4.0	4.4	4.7
		20.0%	4.6	5.0	5.4	5.8	6.3	6.9
		25.0%	6.1	6.6	7.1	7.7	8.3	9.0
		30.0%	7.6	8.1	8.8	9.5	10.2	11.1
		35.0%	9.0	9.7	10.4	11.3	12.2	13.2

Source: Edison Investment Research

Peer group multiples analysis

In the table below, we compare Track Group's valuation to a selection of peers. They range from large companies where electronic monitoring is a small proportion of the business (3M, G4S) to smaller companies that are active in the wider tracking market. Assuming that Track Group is able



to achieve the revenues and profitability in its recent outlook statement (our forecasts assume it reaches the low end of the range in FY16 and FY17), the valuation looks in line with the peer group on an EV/Sales and EV/EBITDA basis. If the company is able to reach the top end of its guidance range, this could drive share price upside.

Exhibit 8: Peer group valuation

Company	Market Cap (\$m)	Current EV/S	Next EV/S	Current EV/ EBITDA	Next EV/ EBITDA	Current P/E	Next P/E	Current EBITDA margin	Next EBITDA margin
Track Group	78.5	3.7x	2.5x	24.8x	9.7x	N/A	28.2x	15.0%	25.8%
3M Co	91,969.0	3.3x	3.2x	11.4x	10.9x	18.2x	16.7x	29.1%	29.5%
G4S PLC	4,485.0	0.7x	0.6x	7.8x	7.4x	12.0x	11.1x	8.5%	8.6%
Numerex	106.6	1.3x	1.2x	11.3x	7.1x	70.0x	80.0x	11.7%	17.4%
SuperCom	77.5	3.2x	2.4x	12.7x	9.5x	9.7x	6.8x	25.4%	25.3%
Trakm8 Holdings PLC	112.7	3.0x	2.5x	17.6x	13.3x	19.0x	12.9x	17.0%	18.7%
Average		2.3x	2.0x	12.2x	9.6x	25.8x	25.5x	18.3%	19.9%
Excl outlier						14.7x	11.9x		

Source: Edison Investment Research, Bloomberg. Note: Priced at 11 February 2016.

**Exhibit 9: Financial summary**

	\$'000s	2013	2014	2015	2016e	2017e
		US GAAP	US GAAP	US GAAP	US GAAP	US GAAP
30-September						
PROFIT & LOSS						
Revenue		15,641	12,262	20,793	28,096	41,987
Cost of Sales		(8,030)	(5,499)	(8,282)	(9,838)	(13,839)
Gross Profit		7,611	6,763	12,511	18,258	28,148
EBITDA		2,966	(1,992)	807	4,211	10,830
Company adjusted EBITDA			(2,045)	1,225	4,211	10,830
Operating Profit (before amort. and except.)		552	(4,450)	(3,593)	(746)	5,630
Exceptionals & share-based payments		(1,549)	(3,298)	(4,633)	(2,155)	(2,069)
Operating Profit		(998)	(7,748)	(8,225)	(2,901)	3,561
Net Interest		(1,094)	(922)	(2,542)	(2,798)	(2,805)
Profit Before Tax (norm)		(412)	(5,358)	(6,055)	(3,587)	2,825
Profit Before Tax (US GAAP)		(17,916)	(8,692)	(5,648)	(5,742)	756
Tax		0	(56)	(20)	(29)	(38)
Profit After Tax (norm)		(412)	(5,413)	(6,076)	(3,616)	2,787
Profit After Tax (US GAAP)		(17,916)	(8,748)	(5,669)	(5,771)	718
Average Number of Shares Outstanding (m)		4.8	10.0	10.2	10.3	10.3
EPS - normalised (c)		(8.5)	(54.4)	(59.8)	(35.2)	27.2
EPS - normalised fully diluted (c)		(8.5)	(54.4)	(59.8)	(35.2)	27.2
EPS - (US GAAP) (c)		(370.8)	(87.9)	(55.8)	(56.2)	7.0
Dividend per share (c)		0.0	0.0	0.0	0.0	0.0
Gross Margin (%)		48.7	55.2	60.2	65.0	67.0
EBITDA Margin (%)		19.0	-16.2	3.9	15.0	25.8
Operating Margin (before GW and except.) (%)		3.5	-36.3	-17.3	-2.7	13.4
BALANCE SHEET						
Fixed Assets		17,167	40,247	40,768	38,533	35,698
Intangible Assets		15,414	33,321	33,667	30,405	26,223
Tangible Assets		1,583	3,775	4,482	5,509	6,856
Other fixed assets		170	3,150	2,619	2,619	2,619
Current Assets		9,532	17,638	13,262	12,460	19,697
Stocks		467	1,248	742	600	600
Debtors		5,506	5,014	7,311	8,236	11,745
Cash		3,382	11,102	4,903	3,318	7,045
Other		176	274	306	306	306
Current Liabilities		(2,695)	(6,315)	(5,865)	(6,173)	(7,631)
Creditors		(2,547)	(4,408)	(5,069)	(6,173)	(7,631)
Short term borrowings		(148)	(1,906)	(796)	0	0
Long Term Liabilities		(41)	(31,654)	(33,797)	(33,517)	(33,740)
Long term borrowings		(41)	(28,568)	(30,189)	(30,016)	(30,239)
Other long term liabilities		0	(3,085)	(3,608)	(3,501)	(3,501)
Net Assets		23,963	19,916	14,368	11,304	14,023
CASH FLOW						
Operating Cash Flow		1,933	(4,389)	(679)	2,001	6,130
Net Interest		(1,094)	(193)	(237)	0	0
Tax		0	0	0	(29)	(38)
Capex		(560)	(1,874)	(2,456)	(2,765)	(2,365)
Acquisitions/disposals		0	(8,050)	(1,783)	0	0
Financing		2,646	(3,217)	(11)	0	0
Dividends		0	0	0	0	0
Net Cash Flow		2,924	(17,723)	(5,165)	(792)	3,727
Opening net debt/(cash)		14,716	(3,194)	19,373	26,082	26,698
Other		14,986	(4,843)	(1,545)	177	(223)
Closing net debt/(cash)		(3,194)	19,373	26,082	26,698	23,194

Source: Track Group, Edison Investment Research



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