

## Sygnity

### New strategy, same hopes

We maintain our BUY rating on Sygnity but lower our FV by 25% to PLN 20.9 (from PLN 28) having lowered our forecasts (2013-15 EBITDA down by 38%/35%/37%, respectively) owing to lower than expected revenues and delays in signing contracts (see p10 for details). On 6<sup>th</sup> December 2012, the recently elected management presented a strategy for 2013-15 with, in our view, no material differences to the last one presented in June 2010. Strategy targets assume an increase in the top-line (avg level of PLN 550m over 2013-15 vs PLN 534m over 2011-12), higher profitability (avg gross/EBIT margin of 21.1%/6.1% in 2013-15 vs 16.6%/-2.5% over 2010-12, respectively) and de-leveraging. The company says this should be achieved by focusing on key segments (public/utilities/banking), better IT contract management and further streamlining of the organization. Sygnity has been constantly restructuring since 2007 and has often failed to deliver on its targets/meet expectations. While it is too soon to say whether it will achieve its targets without difficulty, we believe it is in a better position now than it was. Firstly, SG&A costs look to have been stabilized. Secondly, Sygnity is steadily but gradually improving the gross margin and operating cash flow. Thirdly, the recently signed eTax contract worth PLN 232m should help reverse the top-line deterioration.

**The power of operating leverage:** In our view, the decline in Sygnity's top-line has already bottomed at ca. PLN 450-500m a year. The CEO estimates there are still ca. 5% of revenues (PLN 20-25m) loaded with unprofitable contracts but as Sygnity's backlog will soon include an eTax contract worth PLN 232m, this should help the top-line pick up. On the other hand, we believe the SG&A costs base has already stabilized at PLN 20-25m a quarter with no visible fluctuations owing to revenue seasonality. From our analysis, it looks like PLN 110m of quarterly revenues is the minimum needed for Sygnity to break even on the EBIT line. We calculate that the EBIT margin from incremental revenues above the PLN 100-110m level is around 18% (ie every PLN 10m increase in quarterly revenues above PLN 100-110m could deliver around PLN 1.8m of incremental EBIT). This shows the power of Sygnity's operating leverage provided its SG&A cost base is under control.

**1Q13\* results - one swallow does not a summer make but ...:** Sygnity reported good 1Q13 results with a visible gross margin improvement to 19% (vs 14.6% in 1Q12) and reduced SG&A cost to PLN 20m (vs PLN 26m a year ago). The biggest positive surprise came in operating cash flow which reached PLN 56m (vs PLN -7m in 1Q12), driven by working capital (PLN +42m vs PLN -17m in 1Q12). While we do not expect such good cash generation and income numbers to be maintained owing to seasonality issues, the improvement is gradual and steady.

**eTax contract:** on 1<sup>st</sup> Feb 2013 Sygnity signed a long-awaited eTax contract worth PLN 232m gross to be executed within 96 months. It is the biggest contract in Sygnity's history with the majority linked to higher margin software&services works. We would expect the avg. EBIT margin to be 5-10%. Sygnity expects eTax to deliver ca. PLN 7m of revenues in 2013 with ca. 60% of total contract revenues (PLN 110m net) within the next 3 years. It implies ca. PLN 50m a year in 2014/15 and should help the top line to pick up.

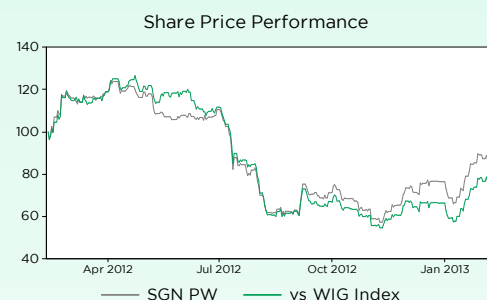
*\*Note: Sygnity has changed its financial year and now it starts in October. The 2011 financial year has been combined with 2012, counted as '7Q' and finished in September 2012. 1Q13 results reported on 4<sup>th</sup> February covered Oct-Dec 2012.*

**BUY** 29% upside  
Fair Value PLN 20.90

Bloomberg ticker **SGN PW**  
Share Price PLN 16.25  
Market Capitalisation PLN 188.31m  
Free Float 100%

PLN m Y/E 30-Sep	2010A	2011A	2013E	2014E
Revenues	524,0	870,6	480,3	514,4
EBITDA	(7,5)	26,4	30,3	36,8
EBIT	(34,3)	(1,2)	12,6	19,0
Net income	(42,6)	(11,5)	8,6	12,7
Net debt	7,3	16,5	43,9	35,2

Y/E 30-Sep	2010A	2011A	2013E	2014E
P/E	(4,2)	(13,7)	22,0	14,8
EV/EBITDA	(24,8)	6,5	7,7	6,1
net debt/EBITDA	(1,0)	0,6	1,4	1,0
EBIT margin	(6,5%)	(0,1%)	2,6%	3,7%
Net margin	(8,1%)	(1,3%)	1,8%	2,5%



All share price data as at close on 11-Feb-2013

Source: Espirito Santo Investment Bank Research, Company Data, Bloomberg

#### Analysts

Konrad Ksiezopolski  
+48 22 347 4074  
kksiezopolski@espiritossantoib.pl  
Banco Espirito Santo de Investimento, S.A. - Warsaw Branch  
Poland 59 Zlota Street, 00-120 Warsaw

## Summary Financial Information

### Sygnity

Rating	<b>BUY</b>
Fair Value (PLN):	<b>20,9</b>
Share Price (11/02/2013, PLN):	16,3
Upside / Downside potential	29%
Previous Fair Value (PLN):	28,0
% change to fair value	-25%

Bloomberg SGN PW  
Reuters COMW.WA

Shares in Issue (Less Treasury)(m)	11,6
Market Cap (PLN m)	<b>188</b>
2011/12 Net Debt (PLN m)	17
Adjustments for Associates & Minorities (PLN m)	2
Enterprise Value (PLN m)	<b>207</b>

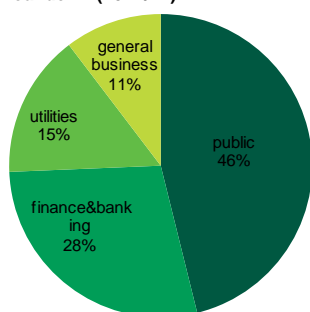
#### Forthcoming Catalysts

Maturing/Roll-over of PLN 65m bonds	end March 2013
2Q13 results	31st May 2013

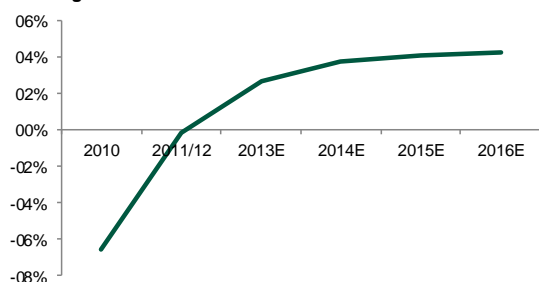
#### ES Equity Research Analyst

Konrad Księżopolski  
+48 22 347 40 74  
[kksiezopolski@espiritantoib.pl](mailto:kksiezopolski@espiritantoib.pl)

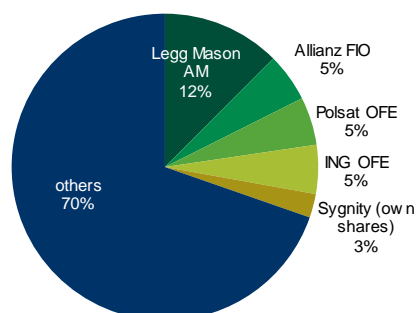
#### Revenues Breakdown (2011/12)



#### EBIT margin



#### Shareholder structure (December 2012)



Valuation Metrics	2010	2011/12	2013E	2014E	2015E
Recurrent P/E (x)	(4,7)	(13,7)	22,0	14,8	11,1
Reported P/E (x)	(4,2)	(13,7)	22,0	14,8	11,1
EV / Sales (x)	0,4	0,2	0,5	0,4	0,4
EV / EBITDA (x)	(24,8)	6,5	7,7	6,1	5,3
EV / EBIT (x)	(5,4)	(144,5)	18,4	11,7	9,5
FCF Yield (%)	-2,7%	6,7%	-14,5%	4,6%	6,9%
Dividend yield (%)	0,0%	0,0%	0,0%	0,0%	0,0%

Key Ratios	2010	2011/12	2013E	2014E	2015E
EBITDA margin	-1,4%	3,0%	6,3%	7,2%	7,3%
EBIT margin	-6,5%	-0,1%	2,6%	3,7%	4,1%
Capex / Revenue (x)	1,9%	3,2%	3,9%	3,7%	3,5%
Capex / Depreciation (x)	0,4	1,1	1,1	1,1	1,1
Net Debt / EBITDA (x)	(1,0)	0,6	1,4	1,0	0,6
ROA	-8,7%	-2,9%	2,2%	3,2%	4,2%
ROE	-18,9%	-5,6%	4,5%	6,3%	8,0%

P&L Summary (PLN m, unless stated)	2010	2011/12	2013E	2014E	2015E
<b>Revenue</b>	<b>524</b>	<b>871</b>	<b>480</b>	<b>514</b>	<b>547</b>
% change	-8%	66%	-45%	7%	6%
<b>EBITDA</b>	<b>(7)</b>	<b>26</b>	<b>30</b>	<b>37</b>	<b>40</b>
% change	-87,6%	-453,2%	14,6%	21,5%	8,8%
% margin	-1,4%	3,0%	6,3%	7,2%	7,3%
Depreciation & Amortisation	(27)	(26)	(18)	(18)	(18)
<b>EBIT reported</b>	<b>(34)</b>	<b>(1)</b>	<b>13</b>	<b>19</b>	<b>22</b>
EBIT adjusted	-29	-1	13	19	22
% margin	-5,6%	-0,1%	2,6%	3,7%	4,1%
Net Financials	(9)	(13)	(4)	(5)	(3)
Other Pre-tax Income	(0,4)	(0,0)	0,0	0,0	0,0
<b>Pre-Tax Profit</b>	<b>(44)</b>	<b>(14)</b>	<b>9</b>	<b>14</b>	<b>19</b>
Income Tax Expense	1	3	0	1	2
Discontinued Operations	0,0	0,0	0,0	0,0	0,0
Minority Interests	0,0	0,0	0,0	0,0	0,0
<b>Net Income</b>	<b>(43)</b>	<b>(11)</b>	<b>9</b>	<b>13</b>	<b>17</b>
Recurrent Net Income	(38)	(11)	9	13	17
Reported EPS (PLN)	(3,6)	(1,0)	0,7	1,1	1,5
<b>Recurrent EPS (PLN)</b>	<b>(3,2)</b>	<b>(1,0)</b>	<b>0,7</b>	<b>1,1</b>	<b>1,5</b>
<b>DPS (PLN)</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>
Payout Ratio	0%	0%	0%	0%	100%
Shares in Issue (Less Treasury) (m)	11,9	11,6	11,6	11,6	11,6

Cash Flow Summary (PLN m)	2010	2011/12	2013E	2014E	2015E
Net income	(44)	(14)	9	13	17
D&A	27	26	18	18	18
Change in Working Capital	(22)	11	(35)	(3)	(3)
Other Operating Cash Flow	11	14	0	0	0
<b>Operating Cash Flow</b>	<b>5</b>	<b>39</b>	<b>(9)</b>	<b>28</b>	<b>32</b>
Capital Expenditure	(10)	(28)	(19)	(19)	(19)
<b>Free Cash Flow</b>	<b>(5)</b>	<b>11</b>	<b>(27)</b>	<b>9</b>	<b>13</b>
Acquisitions & Disposals	3	3	0	0	0
Dividend Paid to Shareholders	0	0	0	0	0
Equity Raised / Bought Back	0	(5)	0	0	0
Other Financing Cash Flow	(4)	(29)	(3)	(10)	(15)
<b>Net Cash Flow</b>	<b>(5)</b>	<b>(21)</b>	<b>(30)</b>	<b>(1)</b>	<b>(2)</b>

Balance Sheet Summary (PLN m)	2010	2011/12	2013E	2014E	2015E
Cash & Equivalents	71	50	20	19	17
Fixed Assets	224	239	239	240	241
Associates & Financial Investments	2	1	0	0	0
Other Assets	193	129	145	153	160
<b>Total Assets</b>	<b>488</b>	<b>398</b>	<b>388</b>	<b>395</b>	<b>401</b>
Interest Bearing Debt	74	63	60	50	35
Other Liabilities	186	130	134	142	151
<b>Total Liabilities</b>	<b>260</b>	<b>193</b>	<b>194</b>	<b>192</b>	<b>186</b>
Shareholders' Equity	225	203	192	200	213
Minority Interests	2	2	2	2	2
<b>Total Equity</b>	<b>227</b>	<b>206</b>	<b>194</b>	<b>203</b>	<b>215</b>
Net Debt	7	17	44	35	22

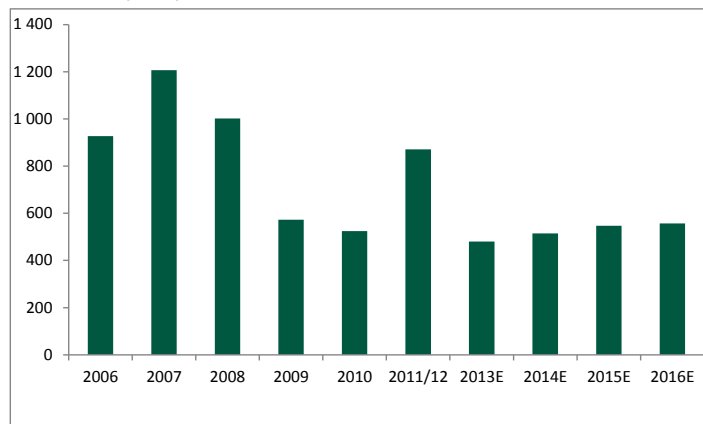
Source: Company data, Reuters, Bloomberg, Espirito Santo Investment Bank Research for estimates. Financial year 2011/12 and onwards ends in September



## Top-line pick up needed

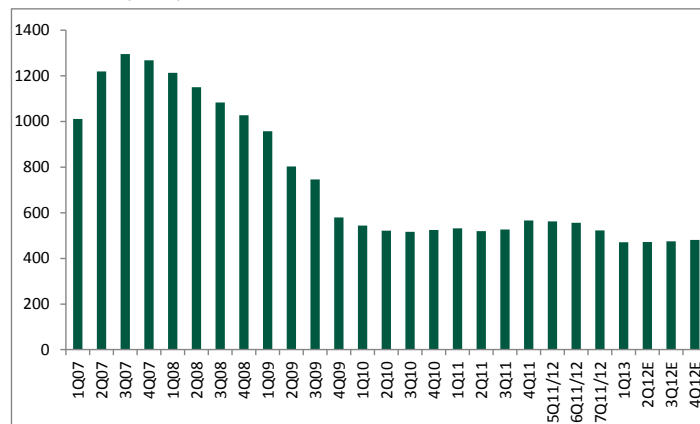
In our view, a pick up in the top-line is one of the vital elements for a successful turnaround at Sygnity as we think the cost base has been more or less stabilised. Since the ComputerLand and Emax merger in 2007, its revenue base has more than halved and we believe this decline has now bottomed.

**Figure 1 Sygnity - revenues, PLN m**



Source: Espirito Santo Investment Bank Research, Company Data

**Figure 2 Sygnity - 4Q trailing revenues, PLN m**



Source: Espirito Santo Investment Bank Research, Company Data

But can they pick up? The general macro environment for the IT business is not favourable as a slowing economy means postponed IT spending or cuts as they are still seen by many enterprises as low hanging fruit in the cost cutting process. Despite this gloomy outlook, we think Sygnity's top-line should start to pick up, mostly thanks to its strong presence in the public segment, which is not as vulnerable to cyclical trends but also is not that predictable. However, the timing looks to be supportive for Sygnity with a few substantial IT projects either already won (eTax worth PLN 232m, eHealth worth PLN 65m) or to be soon announced and where Sygnity could potentially win (ZUS worth ca. PLN 700m for example).

Below we present a table with signed and announced contracts won by Sygnity. 2013 augurs well, as the eTax system worth PLN 232m gross is the biggest in its history (Sygnity plans to book ca. PLN 7m in 2013 from eTax but it is likely to be non-cash revenues). Among the big tenders in 2013 is the Polish Insurer (ZUS), which recently announced the framework of the tender. It is going to be divided into six modules: (1) development of the KSI core system worth ca. PLN 300m; (2) maintenance of the KSI system worth ca. PLN 200m; (3) development of an information portal worth ca. PLN 50-60m; (4) development of EPWD and client register worth ca. PLN 50-60m; (5) electronic and paper archive worth ca. PLN 50-60m; and a (6) data warehouse worth ca. PLN 50-60m. Among the IT companies with the necessary skills ZUS mentioned Sygnity together with Asseco Poland, Comarch, IBM and HP. Sygnity already has a relationship with ZUS having developed its information portal. From this point of view, it could have a very good chance of placing the best bid. There is also a pl.ID contract with a budget of PLN 370m in the pipeline for which Sygnity had already placed a bid but the tender was cancelled. Other than that, Sygnity should book extra revenues (ca. PLN 10m) from the merger of BZWBK and Kredyt Bank.

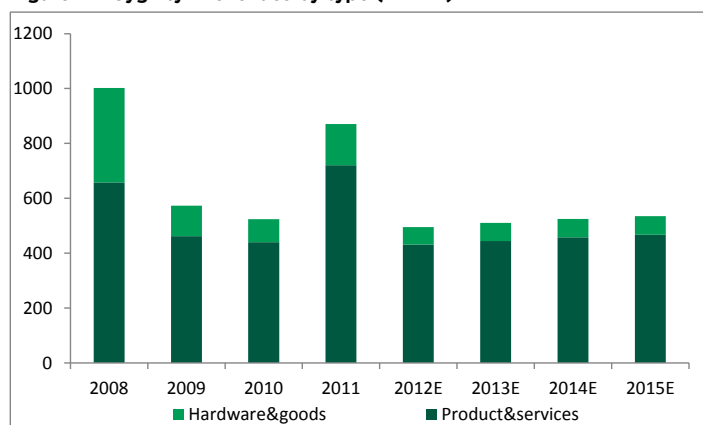
**Figure 3 Sygnity - contracts signed and announced, 2011-2013**

Date	Client	Contract	Value (PLNm)
1.02.2013	Ministry of Finance	eTax contract	232,1
<b>TOTAL 2013</b>			<b>232,1</b>
27.12.2012	KSG	In consortium with MGGP (20% stake), IT infrastructure management	6,1
21.12.2012	Ministry of Labour	sale of SAP license	10,5
7.11.2012	Inspektorat Uzbrojenia	in consortium with Comp (75% stake)	24,5
22.10.2012	Energa Operator	Maintenance & development of IT systems	7,7
4.10.2012	ZUS	KSI	8,5
4.10.2012	TVP	server and core architecture	3,0
2.10.2012	Ministry of Labour	maintenance of POMOST system	21,9
15.06.2012	Ministry of Health	eHealth	64,6
9.05.2012	Dell	co-operation agreement	50,0
02.04.2012	NBP	maintenance accounting system	35,7
29.02.2012	TU Inter Polska	installation of TIA Solution insurance system	10,0
<b>TOTAL 2012</b>			<b>242,4</b>
30.12.2011	Tauron	Microsoft Corporation license and maintenance	36,2
21.12.2011	Ministry of Justice	maintenance of Register	8,5
8.11.2011	PFRON	maintenance of SODIR system	18,0
3.11.2011	Lubuskie county	development of eGov office for Lubuskie county	22,4
	NFZ	Oracle license with maintenance	5,7
6.09.2011	State Treasury	Network hardware	80,0
10.08.2011	Ministry of Interior Affairs	plID	19,9
08.08.2011	City of Wroclaw	construction of IT education system	15,0
15.07.2011	Ministry of Labour	Syrusz	30,6
	BZWBK, Lukas Bank, Invest	multiple contracts for banking sector	20,0
28.06.2011	Post Office	ZST system	16,7
20.01.2011	Social Security (ZUS)	development and installation of info portal	18,1
<b>TOTAL 2011</b>			<b>291,1</b>
8.12.2010	Ministry of Interior Affairs	ePUAP	5,0
23.11.2010	FSE	SIRE system	18,9
2.11.2010	NFZ	server and software installation	2,8
29.07.2010	Ministry of Labour	maintenance of "Pomost" system	14,0
29.06.2010	NGB	maintenance & modernization of network systems	4,8
21.06.2010	BGK	anti-fraud system	1,6
20.05.2010	Poznan Transport System	integrated IT system	6,7
10.05.2010	Statistic Office	development of IT system	18,0
20.04.2010	Statistic Office	in consortium with TPISA, to develop mobile solutions	46,5
21.01.2010	Ministry of Interior Affairs	ZMOKU system	31,8
<b>TOTAL 2010</b>			<b>150,1</b>

Source: Espirito Santo Investment Bank Research, Company Data

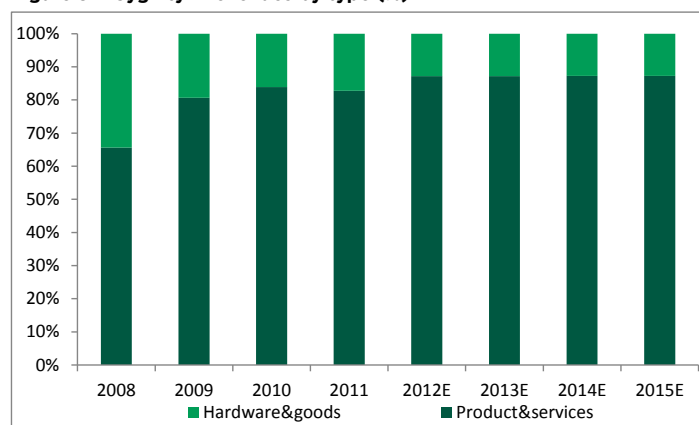
Overall, we believe the decline in Sygnity's top line should have bottomed now. However, some revenues still come from unprofitable contracts (CEO estimates ca. 5% of total revenues), so we would expect part of the top-line growth from recently signed contracts to be offset by these unprofitable contracts. As a result, we are slightly more conservative than management regarding average revenues level in 2013-15 - we estimate PLN 515m versus PLN 550m by management.

**Figure 4 Sygnity - revenues by type (PLN m)**



Source: Company data, Espirito Santo Investment Bank Research for estimates

**Figure 5 Sygnity - revenues by type (%)**

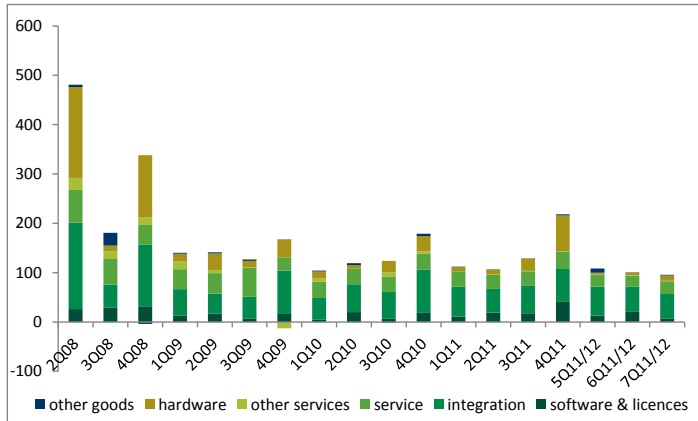


Source: Company data, Espirito Santo Investment Bank Research for estimates

However, not only the quantity but also the quality of revenue matters and this is very visible in the structure of revenues. The quality of revenues was one of Sygnity's Achilles' heels as a high proportion came from low margin hardware&goods while parts of software&services were unprofitable because of unfavorable conditions in the contracts.

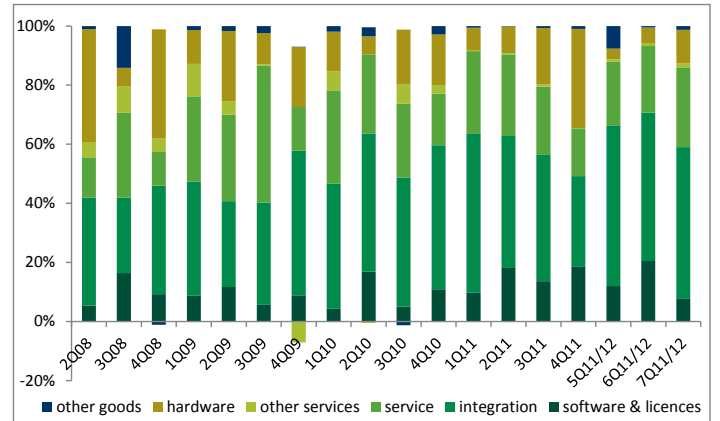


**Figure 6 Sygnty - type of revenues (PLN m)**



Source: Espirito Santo Investment Bank Research, Company Data

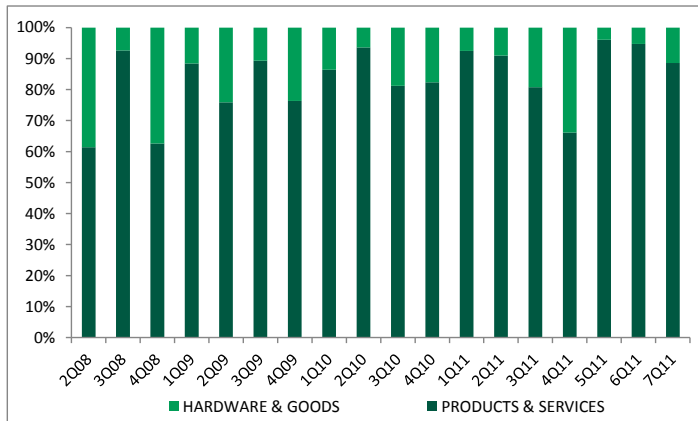
**Figure 7 Sygnty - type of revenues (%)**



Source: Espirito Santo Investment Bank Research, Company Data

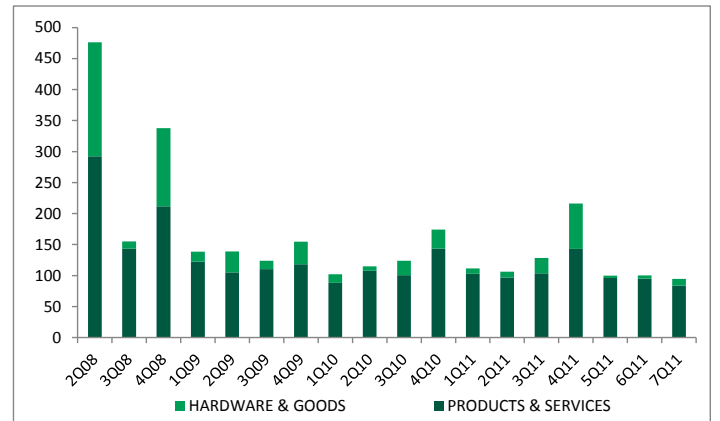
Following the announcement of the new strategy, the CEO stated that around 5% of revenues related to unprofitable contracts. We cannot track the ratio of unprofitable contracts within the revenue base to confirm this. A different measure of top-line quality, which is easy to track, is to divide them into product&services (by definition higher margin) and hardware&goods (lower margin). Here, the ratio is slightly but constantly improving.

**Figure 8 Sygnty - revenue structure (%)**



Source: Espirito Santo Investment Bank Research, Company Data

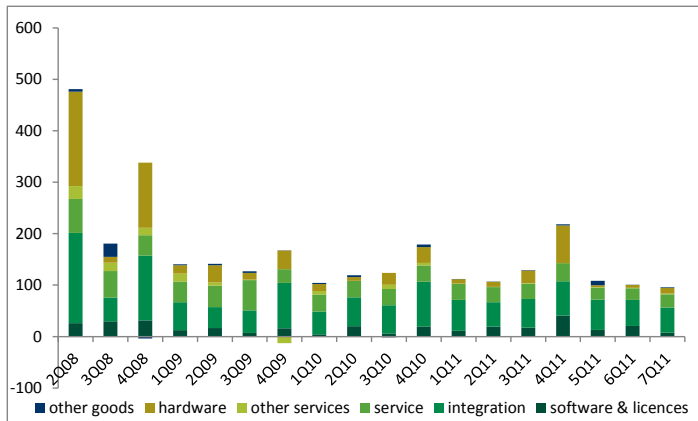
**Figure 9 Sygnty - revenue structure (PLN m)**



Source: Espirito Santo Investment Bank Research, Company Data

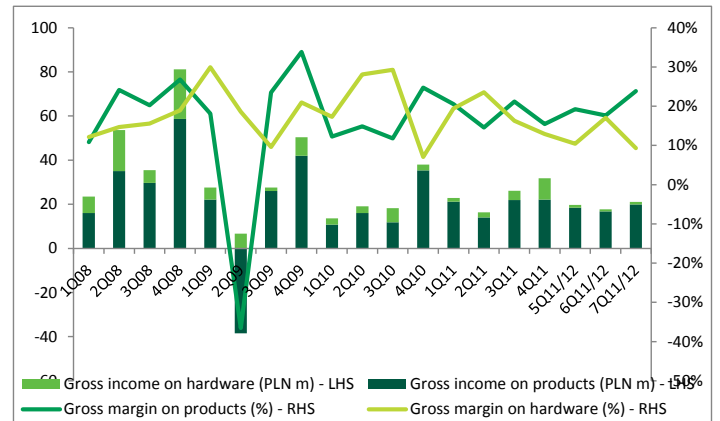
The revenue structure could also partially answer the question what drove the revenue slump over last few years. It was driven mostly by the hardware&goods segment while product&services generated a stable PLN 100-120m a quarter.

**Figure 10 Sygnty - revenues by type (PLN m)**



Source: Espirito Santo Investment Bank Research, Company Data

**Figure 11 Sygnty - gross income&argins by type**



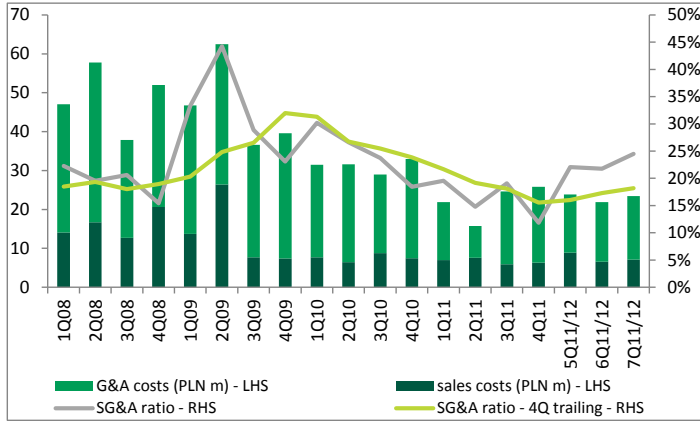
Source: Espirito Santo Investment Bank Research, Company Data



## The power of operating leverage

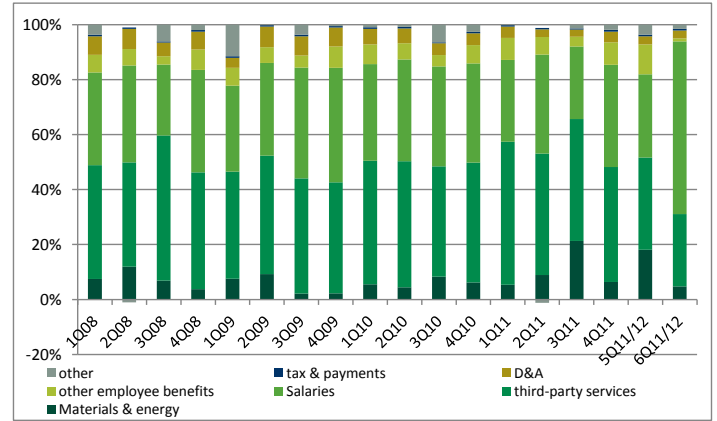
The last two restructuring programs (especially the last one introduced by the previous management) have substantially reduced the cost base. It has now stabilized and leaves little room for further cuts in our view. Costs have been stable at PLN 20-25m for the past few quarters with no visible fluctuations owing to revenue seasonality. This, in our view, supports our view that Sygnity has high operating leverage with an EBIT increase coming directly from a revenue increase.

**Figure 12 Sygnity - SG&A costs**



Source: Espirito Santo Investment Bank Research, Company Data

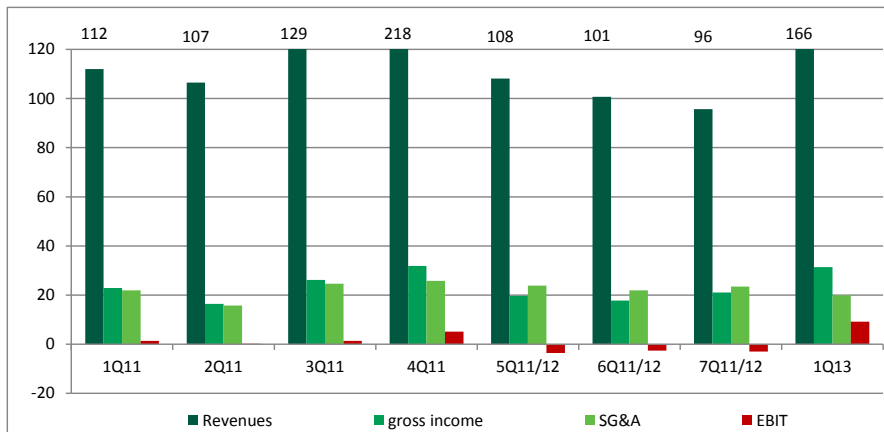
**Figure 13 Sygnity - costs by type**



Source: Espirito Santo Investment Bank Research, Company Data

The chart below shows that over the past eight months PLN 110m of quarterly revenues is the minimum level for Sygnity to break-even on EBIT line. For example, in 5Q11/12, 6Q11/12 and 7Q11/12 revenues amounted to PLN 108m, PLN 101m and PLN 96m respectively while EBIT in the same period amounted to PLN -3.6m, PLN -2.7m and PLN -3m respectively. 1Q13 (4Q12 calendar) brought a seasonal increase in revenues to PLN 166m (by PLN +70m qoq) and an EBIT increase to PLN 9.1m. The average revenue base within 5-7Q11/12 was PLN 102m with EBIT of PLN -3.1m. 1Q13 brought a ca. PLN 60-65m incremental increase and with a stable qoq SG&A cost base it enabled the EBIT line to grow to PLN 9m (by ca. PLN 12m qoq). A simple calculation shows that the EBIT margin from incremental revenues above PLN 100-110m is around 18%. Hence, every PLN 10m increase in the quarterly revenue base above PLN 100-110m could deliver around PLN 1.8m in incremental EBIT. This shows the operating leverage that is possible provided the SG&A cost base is under control.

**Figure 14 Sygnity - Revenues, gross income, SG&A and EBIT (PLN m)**



Source: Espirito Santo Investment Bank Research, Company Data

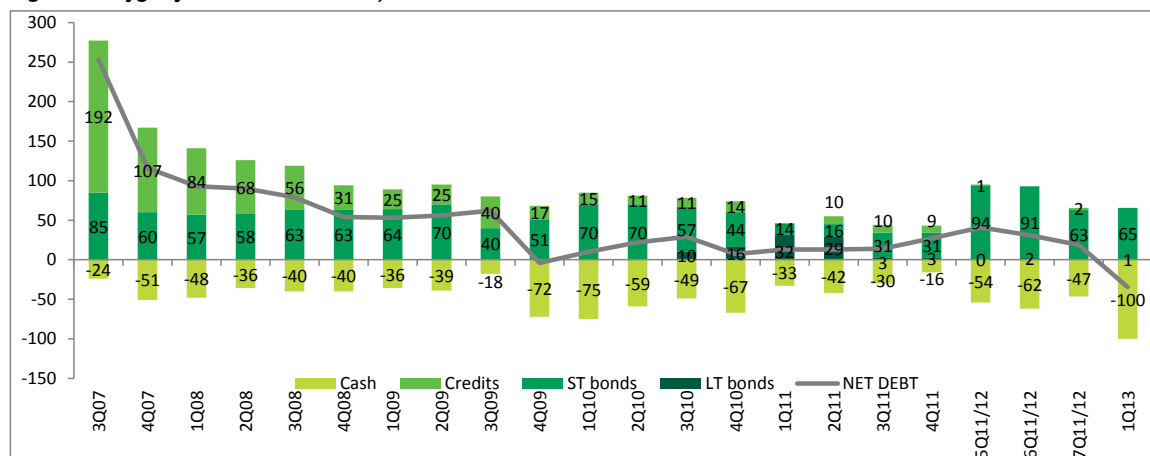
## Liquidity risk looks to have diminished slightly

In our view, liquidity and insolvency risk were and probably still are investors' most important concerns, especially after the unsuccessful merger of ComputerLand and Emax back in 2007. However, continuous restructuring and deleveraging meant net debt dropped from PLN 252m (equal to Sygnity's



market cap) at the end of 2007 to PLN 19m at the end of 2011/2012 and even turned into PLN 35m in net cash (17% of market cap) as reported in the recent 1Q13 results release.

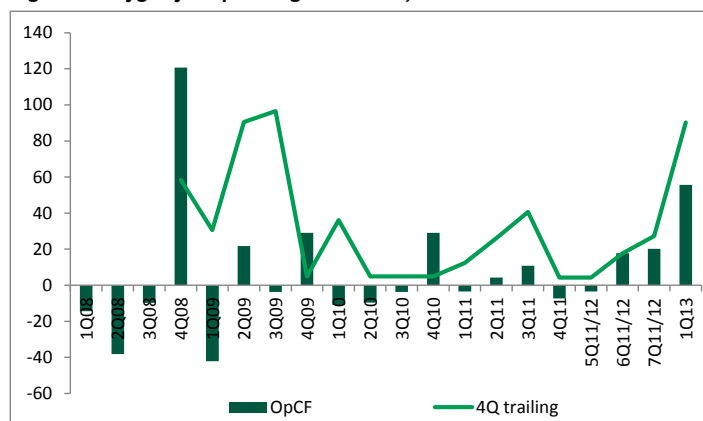
**Figure 15 Sygnity - net debt structure, PLN m**



Source: Espirito Santo Investment Bank Research, Company Data

The constant restructuring does not help investor perception. However, we do not believe the company is on the point of experiencing severe financial difficulties. Granted the cash flow could be stronger, but weak CF is generally to be expected during a restructuring phase. The cash balance at the end of 1Q13 (December 2012) amounted to PLN 100m with total debt of PLN 66m, of which PLN 65m related to bonds maturing in March 2013. For the first time since 4Q09, Sygnity had net cash of PLN 35m (17% of market cap) versus PLN 19m net debt a quarter ago. The main reason behind such a visible improvement in the cash position comes from working capital which amounted to PLN +42m in 1Q13, out of which PLN +36m was accounts payables, PLN -6m for accounts receivables and the remaining inventories, reserves and others.

**Figure 16 Sygnity - Operating Cash Flow, PLN m**



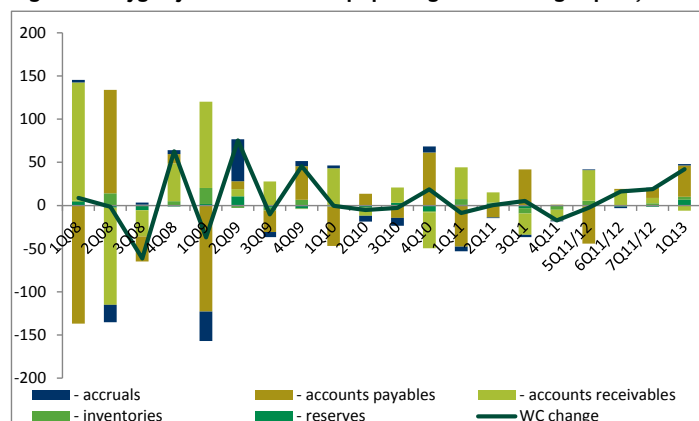
Source: Espirito Santo Investment Bank Research, Company Data

When looking at operating cash flow, it varies with the lowest level in the 1-2Q calendar quarters and the most in the 4Q calendar quarters. This results from the seasonality of the IT business where the most revenues and invoices are booked at the end of the year.

CFO expects operating cash flow to be zero in 2Q13 (1Q13 calendar). We are more cautious than this as: (a) we expect the majority of accounts payables to reverse as delays in payment of invoices from 1Q13 cannot last forever; and (b) we expect Sygnity to report a net loss as we expect revenues of around PLN 100m level in 2Q13, which in our view is not enough to cover costs and break even.

In our view the risk of insolvency looks limited. Sygnity's cash balance was PLN 100m at the end of December 2012. Its cash position is also supported by

**Figure 17 Sygnity - structure and qoq changes in working capital, PLN m**



Source: Espirito Santo Investment Bank Research, Company Data





a PLN 50m credit line recently renewed for 12 months with ING Bank. Sygnity plans to issue PLN 40m bonds to partially roll over existing ones. We expect the PLN 40m bond issue to be successful but the restructuring and deteriorating sentiment during 2012 means we also expect the cost of financing to be high at a 700bp premium over the WIBOR rate.

### **New strategy, same hopes**

On 6<sup>th</sup> December 2012, Sygnity launched its new strategy for 2013-2015. Management wants to focus on: 1) the development of its own products; 2) gaining strength in key segments (public, utilities); 3) improving its profitability and financial health; 4) implementing new management systems, continuing the reorganisation of the group and improve the consistency of its revenues.

Management highlighted key focus points for 2013 which are: (a) revenue increase due to focus on public, banking and utilities segments; (b) increase in the gross margin thanks to the reduction in unprofitable contracts, changes in control and risk management; (c) EBIT margin increase thanks to streamlining of cost structure to market standards in the backoffice and office space; (d) increase in net margin thanks to better financing structure.

Sygnity's strategy also assumes gradual deleveraging with a cash balance of PLN 59m at the end of 2015 and a zero bond balance. The company says all those targets should be delivered with a gradual improvement in the financial figures. During 2013-2015 Sygnity expects revenues to reach an average of PLN 550m versus PLN 534m in 2010-2012; an average gross margin of 21.1% (vs an average of 16.6% in 2010-2012), average EBIT margin of 6.2% (vs an average of -2.5% in 2010-12), and average net margin of 4.8% (vs avg of -3.4% in 2010-2012).

The strategy sounds familiar to us as it mentions many points from the previous strategy such as the cancellation of unprofitable contracts, backoffice streamlining, office space reduction and development in key and potentially attractive new areas. Having in mind that Sygnity has previously not met expectations/targets, we prefer to take a cautious stance and expect lower financial targets than management.

### **Incentive plan**

On 10<sup>th</sup> December 2012, the General Meeting approved an incentive plan for Sygnity's management which targets Sygnity generating PLN 15m of net income in FY 2013 (calendar 4Q12-3Q13). If the target is delivered, incentive plan participants will receive 150k shares at PLN 15 per share. The PLN 15m net income target will exclude any financial effects not related to its core activity like the revaluation of its assets, the sale of assets, and costs related to setting up the incentive plan. The plan also assumes Sygnity buys back up to 150k of its own shares including 88k already acquired. The CEO commented that the PLN 15m net income target is challenging but possible to achieve. In our view, although Sygnity reported PLN 7.2m net income in 1Q13 (4Q12 calendar), we would not expect this trend to be sustained in the following quarters, as the 4Q (CY) is usually the strongest quarter for the IT business. Sygnity's cost base does not leave much room for further cuts, while revenues are still not growing, especially in more profitable the area of software and services.





## 1Q12/13 results published on 4<sup>th</sup> February 2013 - review

Table 1 Sygnity – quarterly results

(PLN m)	1Q11	2Q11	3Q11	4Q11	5Q11/12	6Q11/12	7Q11/12	1Q13	% YoY	Cons	ESIBR
<b>Revenues</b>	<b>112,0</b>	<b>106,5</b>	<b>129,2</b>	<b>218,3</b>	<b>108,1</b>	<b>100,7</b>	<b>95,7</b>	<b>165,6</b>	-24%	<b>175,0</b>	<b>174,5</b>
software&services	102,9	96,7	103,6	142,9	96,0	94,9	83,7	134,8	-6%		
hardware&goods	9,1	9,8	25,6	75,4	12,2	5,8	12,1	30,8	-59%		
<b>Gross income</b>	<b>22,9</b>	<b>16,4</b>	<b>26,1</b>	<b>31,8</b>	<b>19,7</b>	<b>17,7</b>	<b>21,1</b>	<b>31,4</b>			
gross margin	20,4%	15,4%	20,2%	14,6%	18,2%	17,6%	22,0%	19,0%			
<b>EBITDA</b>	<b>5,9</b>	<b>4,2</b>	<b>4,4</b>	<b>8,9</b>	<b>0,4</b>	<b>0,3</b>	<b>1,2</b>	<b>13,6</b>	54%	<b>-0,1</b>	<b>9,3</b>
EBITDA margin	5,2%	4,0%	3,4%	4,1%	0,3%	0,3%	1,3%	8,2%		-0,1%	5,3%
D&A	4,5	4,0	3,1	3,8	3,9	2,9	4,2	4,5	19%		4,2
<b>EBIT</b>	<b>1,4</b>	<b>0,2</b>	<b>1,4</b>	<b>5,1</b>	<b>-3,6</b>	<b>-2,7</b>	<b>-3,0</b>	<b>9,1</b>	<b>79%</b>	<b>8,0</b>	<b>5,1</b>
EBIT margin	1,2%	0,2%	1,1%	2,3%	-3,3%	-2,6%	-3,1%	5,5%		4,6%	2,9%
Net financial income/(expenses)	-2,3	-1,0	-0,8	-1,7	-2,1	-2,8	-2,0	-1,9	8%		-1,3
Income before taxes (EBT)	-0,9	-1,1	0,6	3,4	-5,4	-2,8	-2,1	7,3	115%		3,9
Income tax	-0,2	2,4	0,7	3,3	-0,9	-0,7	-2,1	-0,1	-103%		0,4
effective tax rate	22%	-229%	122%	97%	17%	24%	99%	-1%			10%
minorities	0	0	0	0	0	0	0	0			0
<b>Net income</b>	<b>-1,2</b>	<b>1,4</b>	<b>1,3</b>	<b>6,7</b>	<b>-6,3</b>	<b>-3,5</b>	<b>-4,2</b>	<b>7,2</b>	7%	<b>5,7</b>	<b>4,3</b>
Net profit margin	-1,0%	1,3%	1,0%	3,1%	-5,8%	-3,5%	-4,4%	4,3%		3,3%	2,4%

Source: Espirito Santo Investment Bank Research, Company Data, Bloomberg consensus

**Revenues** fell by 24% yoy to PLN 165m versus PLN 218m a year ago. This resulted from a much lower contribution from hardware of PLN 30.8m vs PLN 75.4m a year ago when Sygnity booked two substantial hardware contracts for the Ministry of Defence and Tauron.

Figure 18 Sygnity – revenue structure & efficiency ratios

	1Q11	2Q11	3Q11	4Q11	5Q11/12	6Q11/12	7Q11/12	1Q13	YoY
<b>Revenues by segments (PLN m)</b>	<b>112,0</b>	<b>106,5</b>	<b>129,2</b>	<b>218,3</b>	<b>108,1</b>	<b>100,7</b>	<b>95,7</b>	<b>165,6</b>	<b>-24%</b>
<b>SOFTWARE &amp; SERVICES</b>	102,9	96,7	103,6	142,9	96,0	94,9	83,7	134,8	-6%
software & licences	10,9	19,3	17,6	40,8	13,0	20,6	7,6	37,7	-8%
integration	60,2	47,6	55,4	66,6	58,8	50,6	48,9	70,8	6%
service	31,4	29,4	29,7	35,3	23,3	22,7	25,8	25,7	-27%
other services	0,5	0,4	0,8	0,2	0,9	1,0	1,4	0,6	199%
<b>HARDWARE &amp; GOODS</b>	9,1	9,8	25,6	75,4	12,2	5,8	12,1	30,8	-59%
hardware	8,4	9,6	24,7	73,2	3,9	5,3	10,8	30,1	-59%
other goods	0,6	0,2	0,9	2,1	8,3	0,5	1,2	0,7	-68%
<b>Efficiency ratios (%)</b>									
Gross margin	20,4%	15,4%	20,2%	14,6%	18,2%	17,6%	22,0%	19,0%	
SG&A ratio	19,5%	14,8%	19,1%	11,8%	22,1%	21,7%	24,5%	12,0%	

Source: Espirito Santo Investment Bank Research, Company Data

**The Gross margin** improved to 19% from 14.6% a year ago. This mainly resulted from a better revenue mix with a higher proportion of higher margin software&services (81% vs 66% in 4Q11). Apart from that, Sygnity improved its profitability in both software&services and hardware&goods. The gross margin for software&services was 20% (vs 15.5% a year ago) while hardware was 14.4% (vs 12.9% a year ago). Part of the reason behind this could be, as already highlighted by the management, better project management and cancellation of unprofitable contracts in the revenue mix.

**The backlog** for 2013 calendar year amounts to PLN 166m and is comparable yoy. The backlog for 2014 (calendar year) amounts to PLN 110m. It does not include the eTax contract worth PLN 232m gross which Sygnity signed on 1<sup>st</sup> February. Management expects eTax to deliver around PLN 7m of revenues in 2013 (reporting year).

**Operating cash flow** was very strong at PLN 56m vs PLN -7.2m a year ago. It was driven mainly by working capital (PLN +42m) and specifically accounts payables (PLN +36m). Sygnity's cash balance improved to PLN 100m vs PLN 47m a quarter ago and PLN 16m a year ago. As a result, net debt of PLN 19m a quarter ago turned into net cash of PLN 35m (18% of market cap). We expect accounts payables to partially reverse in 1Q13 (calendar).



## Financial Forecasts

### Changes to our estimates

We have cut our top-line forecasts for Sygnity for 2013-15E by 26%/25%/23% respectively as a result of: (a) the negative effect the recent unsuccessful hostile takeover bid had on Sygnity's ability to sign new contracts; (b) lower than expected revenues from its co-operation agreement with Huawei which when signed in October 2011 was meant to deliver PLN 100m of revenues in 2013 and ended up being completely unsuccessful. The co-operation with Huawei will most likely end, in our view, and we do not expect any further revenues from that area; (c) lower than expected revenues from the Quatra product line which when launched in February 2012 was meant to deliver PLN 20m of revenues in 2013 but we now forecast it to deliver a low single digit PLN m; (d) postponement in signing the eTax contract which will start to contribute visibly to the top-line from 2014. Due to the high operational leverage, a cut in the top-line leads to a stronger fall in the EBIT and the bottom-line.

**Figure 19 Sygnity - changes in estimates**

(PLN m)	2013E			2014E			2015E		
	New	Old	Change	New	Old	Change	New	Old	Change
Revenues	480	648	-26%	514	688	-25%	547	712	-23%
EBITDA	30	49	-38%	37	57	-35%	40	64	-37%
EBIT	13	34	-63%	19	42	-55%	22	49	-55%
Net income	9	27	-68%	13	35	-64%	17	37	-54%

Source: Espirito Santo Investment Bank Research for estimates

### ESIBR versus Bloomberg consensus

Following the downward revisions to our estimates we are below consensus on the top line for 2013-15E. We believe this could come from consensus figures still not adjusting to the new revenue and cost base.

**Figure 20 Sygnity - ESIBR vs Bloomberg consensus**

(PLN m)	2013E			2014E			2015E		
	ESIBR	BBG	% diff	ESIBR	BBG	% diff	ESIBR	BBG	% diff
Revenues	480	550	-13%	514	555	-7%	547	614	-11%
EBITDA	30	34	-11%	37	40	-8%	40	48	-17%
EBIT	19	16	18%	22	19	16%	23	27	-13%
Net income	9	7	26%	13	8	72%	17	14	26%

Source: Espirito Santo Investment Bank Research for estimates, Bloomberg consensus

## VALUATION

### Valuation summary

We use an average of two methods to value Sygnity: DCF and peer multiples (each with a 50% weighting). Based on a DCF we derive a fair value of PLN 21 per share while based on a peer valuation we derive PLN 20.8 per share. Our fair value is PLN 20.9, implying 29% potential upside to the current share price.

### DCF

We use a 10-year forecast free cash flow period. The main assumptions in our DCF model are as follows:

- The valuation is based on FCF forecasts for 2013-2022E;
- Net debt at the end of 2013
- Risk free rate during FCF projections is set at 4% vs 5.7% before, as result of recent interest rate cuts,
- Terminal growth rate of FCF at 3% which is the average of the last three years of FCF forecasts (vs 2% before) and a beta of 1.2 (vs 1.1 before) to reflect Sygnity's above-average risk profile related to strategy execution;



- Credit premium in 2013 and onwards at 700bps vs 500bps before to reflect the still above-average liquidity risk related to the company. As a result, we do not expect Sygnity to manage to reduce its credit premium substantially when rolling over PLN 65m in bonds maturing in March 2013.

Figure 21 Sygnity - DCF

(PLN m)	2011/12	2013E	2014E	2015E	2016E	2017E	2018E	2019E	2020E	2021E	2022E	>2022
EBIT	-1,2	12,6	19,0	22,2	23,4	23,5	24,2	24,9	25,7	26,4	27,2	
tax rate	18%	0%	-10%	-10%	-19%	-19%	-19%	-19%	-19%	-19%	-19%	
NOPAT	-1,0	12,6	20,9	24,4	27,9	27,9	28,8	29,7	30,5	31,4	32,4	
Depreciation	26,4	17,7	17,8	17,9	18,0	18,1	18,2	18,3	18,3	18,4	18,5	
CAPEX	-28,3	-18,8	-18,9	-19,0	-19,1	-19,2	-19,3	-19,4	-19,5	-19,6	-19,7	
Change of Working Capital	4,5	-34,8	-2,9	-2,9	-1,2	-0,9	-1,0	-1,0	-1,0	-1,0	-1,0	
FCF	1,6	-23,3	16,9	20,4	25,5	25,8	26,7	27,5	28,4	29,3	30,2	
FCF change	-93%	-1549%	-173%	21%	25%	1%	3%	3%	3%	3%	3%	3%
WACC Calculation												
debt/equity	15,8%	15,5%	12,7%	8,8%	5,0%	1,3%	1,2%	1,2%	1,2%	1,1%	1,1%	1,1%
risk free rate	5,5%	4,0%	4,0%	4,0%	4,0%	4,0%	4,0%	4,0%	4,0%	4,0%	4,0%	4,0%
credit premium	7,0%	7,0%	7,0%	7,0%	7,0%	7,0%	7,0%	7,0%	7,0%	7,0%	7,0%	7,0%
market premium	5,0%	5,0%	5,0%	5,0%	5,0%	5,0%	5,0%	5,0%	5,0%	5,0%	5,0%	5,0%
beta	1,1	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
cost of debt	10,2%	11,0%	12,1%	12,1%	13,1%	13,1%	13,1%	13,1%	13,1%	13,1%	13,1%	13,1%
cost of capital	11,0%	10,0%	10,0%	10,0%	10,0%	10,0%	10,0%	10,0%	10,0%	10,0%	10,0%	10,0%
<b>WACC</b>	<b>10,9%</b>	<b>10,2%</b>	<b>10,3%</b>	<b>10,2%</b>	<b>10,2%</b>	<b>10,0%</b>	<b>10,0%</b>	<b>10,0%</b>	<b>10,0%</b>	<b>10,0%</b>	<b>10,0%</b>	<b>10,0%</b>
PV (FCF)	1,6	(21,9)	14,4	15,8	18,0	16,6	15,5	14,6	13,7	12,8	12,0	
PV (FCF)												111
PV (RV)												176
net debt, end 2013E												44
Fair Value												243
# of shares												11,6
Fair Value/share												<b>21,0</b>

Source: Company data, Espirito Santo Investment Bank Research for estimates

## Sensitivity analysis

Figure 22 Sygnity - sensitivity table

Sensitivity Table		WACC							WACC						
		8,0%	8,5%	9,0%	10,0%	11,0%	12,0%	13,0%	8,0%	8,5%	9,0%	10,0%	11,0%	12,0%	13,0%
TGR	0%	18,7	18,0	17,3	16,2	15,2	14,4	13,8	-11%	-14%	-18%	-23%	-28%	-31%	-34%
	1%	20,7	19,7	18,9	17,4	16,3	15,3	14,5	-1%	-6%	-10%	-17%	-23%	-27%	-31%
	3%	27,1	25,1	23,5	21,0	19,1	17,7	16,5	29%	20%	12%	0%	-9%	-16%	-22%
	3%	27,1	25,1	23,5	21,0	19,1	17,7	16,5	29%	20%	12%	0%	-9%	-16%	-22%
	4%	32,6	29,6	27,3	23,7	21,2	19,3	17,8	55%	41%	30%	13%	1%	-8%	-15%

Source: Espirito Santo Investment Bank Research for estimates

Figure 23 Sygnity - sensitivity table

Sensitivity table		EBIT margin change vs ESIB est							EBIT margin change vs ESIB est						
		-1,5%	-1,0%	-0,5%	0,0%	0,5%	1,0%	1,5%	-1,5%	-1,0%	-0,5%	0,0%	0,5%	1,0%	1,5%
Sales growth rate change vs ESIB est	-3%	6,2	8,9	11,5	14,2	16,9	19,5	22,2	-70%	-58%	-45%	-32%	-20%	-7%	6%
	-2%	7,6	10,5	13,4	16,3	19,2	22,1	25,0	-64%	-50%	-36%	-22%	-9%	5%	19%
	-1%	9,1	12,3	15,4	18,5	21,7	24,8	28,0	-57%	-42%	-27%	-12%	3%	18%	33%
	0%	10,8	14,2	17,6	21,0	24,4	27,8	31,2	-49%	-32%	-16%	0%	16%	32%	49%
	1%	12,6	16,3	20,0	23,7	27,4	31,1	34,8	-40%	-23%	-5%	13%	30%	48%	66%
2%	14,5	18,5	22,5	26,6	30,6	34,6	38,6	-31%	-12%	7%	27%	46%	65%	84%	
3%	16,6	21,0	25,4	29,7	34,1	38,4	42,8	-21%	0%	21%	42%	62%	83%	104%	

Source: Espirito Santo Investment Bank Research for estimates



## Peer valuation

Figure 24 Sygnyty - peer valuation, as of 11/02/2013

Company	Ticker	CAGR 3YF		EV/EBITDA			P/E			EBITDA margin		
		revenues	EBITDA	1YF	2YF	3YF	1YF	2YF	3YF	1YF	2YF	3YF
Microsoft	msft us	7,5%	7,1%	5,5	5,1	4,7	9,7	8,9	8,3	44,5%	44,3%	30,5%
Oracle	orcl us	5,1%	9,5%	8,2	7,5	6,8	12,5	11,6	10,8	52,9%	55,0%	32,6%
SAP	sap gr	9,8%	17,3%	11,8	10,4	9,4	17,9	15,7	13,8	40,0%	40,2%	18,9%
Accenture	acn us	3,5%	6,5%	9,6	9,0	8,4	17,2	15,9	15,3	17,3%	17,3%	11,7%
IBM	ibm us	2,0%	7,9%	8,7	8,3	7,9	12,3	11,7	11,3	28,1%	29,0%	18,4%
Atos Origin	ato fp	10,7%	15,2%	5,3	4,7	4,5	13,5	11,3	10,5	11,3%	11,7%	4,6%
Cap Gemini	cap fp	3,8%	6,9%	6,1	5,7	5,3	13,0	12,1	11,0	10,0%	10,5%	6,6%
Indra Sistemas	idr sm	4,6%	0,9%	7,6	7,0	6,5	10,3	9,6	8,3	10,6%	11,2%	8,7%
Tieto	tie1v fh	-0,5%	11,4%	5,3	5,0	4,8	11,4	10,4	9,7	13,6%	13,9%	3,4%
Gemalto	gto fp	10,2%	19,4%	15,5	13,0	11,2	22,9	18,6	15,9	19,2%	20,3%	7,3%
Software AG	sow gr	4,5%	4,3%	8,9	8,1	7,5	14,6	13,1	11,9	30,1%	30,8%	21,6%
Dassault Systemes	dsy fp	8,6%	14,8%	13,0	11,4	10,3	22,6	20,0	17,6	37,7%	37,9%	19,2%
Sage	sgel n	3,9%	4,4%	10,3	9,8	9,5	16,0	15,1	14,2	30,8%	30,8%	22,9%
Hewlett-Packard	hpq us	-3,9%	-2,3%	3,7	3,6	3,8	5,1	4,7	5,3	12,4%	12,0%	8,7%
Wincor Nixdorf	w in gr	3,3%	13,3%	7,4	6,5	5,8	14,8	12,6	10,9	9,0%	9,7%	3,9%
Unit4	unit4 na	5,4%	8,3%	9,5	8,4	7,5	19,6	15,5	13,0	21,5%	22,6%	7,5%
Sopra Group	sop fp	7,2%	8,7%	8,3	7,7	7,2	11,1	9,8	9,0	10,5%	10,8%	7,1%
Temenos	temn sw	1,4%	16,9%	16,1	13,0	11,7	34,9	19,9	16,7	28,9%	30,7%	-0,4%
Swisslog Holding	slog sw	5,2%	14,0%	7,6	6,3	6,0	22,9	15,4	14,5	6,0%	6,2%	2,9%
Cognizant Tech Solution	ctsh us	15,9%	15,9%	11,6	10,0	8,6	17,6	15,1	13,2	24,0%	23,6%	11,8%
Intuit	intu us	10,0%	14,1%	10,3	9,4	8,7	17,9	16,0	14,2	42,4%	42,1%	21,3%
Infosys	infy us	11,0%	6,6%	12,7	11,7	10,9	0,3	0,3	0,3	31,1%	30,2%	21,2%
Fiserv	fisv us	0,0%	0,0%	8,5	8,1	7,8	14,2	12,9	12,1	34,4%	34,4%	19,7%
<b>International Median</b>		<b>5,1%</b>	<b>8,7%</b>	<b>8,7</b>	<b>8,1</b>	<b>7,5</b>	<b>14,6</b>	<b>12,9</b>	<b>11,9</b>	<b>26,1%</b>	<b>24,4%</b>	<b>10,2%</b>
<b>International Average</b>		<b>5,6%</b>	<b>9,6%</b>	<b>9,2</b>	<b>8,2</b>	<b>7,6</b>	<b>15,3</b>	<b>12,9</b>	<b>11,6</b>	<b>24,8%</b>	<b>25,0%</b>	<b>13,2%</b>
Asseco Poland (cons)	acp pw	4,8%	1,6%	6,6	6,5	6,6	10,3	10,1	10,4	16,0%	15,7%	15,3%
ABS (cons)	abs pw	-1,3%	-0,7%	8,4	7,9	7,8	14,7	13,7	13,5	27,2%	28,5%	28,1%
ASEE (cons)	ase pw	2,7%	2,5%	7,3	6,8	6,6	10,5	9,9	9,6	13,6%	13,9%	13,9%
ACE (cons)	ace pw	2,4%	-0,5%	3,3	3,1	3,1	31,5	30,9	30,2	19,8%	20,4%	20,1%
Comarch (cons)	cmr pw	4,0%	10,8%	8,0	6,7	6,1	17,2	15,1	11,4	10,5%	11,6%	12,2%
Comp (cons)	cmp pw	1,0%	-1,5%	25,5	9,1	9,1	-37,0	16,3	16,3	4,1%	10,6%	10,6%
Sygnyty (cons)	sgn pw	n.a.	n.a.	5,2	4,3	3,5	65,2	25,3	14,1	6,2%	7,2%	7,9%
<b>Domestic Median</b>				<b>7,3</b>	<b>6,7</b>	<b>6,6</b>	<b>14,7</b>	<b>15,1</b>	<b>13,5</b>	<b>13,6%</b>	<b>13,9%</b>	<b>13,9%</b>
<b>Domestic Average</b>				<b>9,2</b>	<b>6,3</b>	<b>6,1</b>	<b>16,1</b>	<b>17,3</b>	<b>15,1</b>	<b>13,9%</b>	<b>15,4%</b>	<b>15,4%</b>
<b>MEDIAN</b>				<b>8,0</b>	<b>7,5</b>	<b>7,8</b>	<b>14,7</b>	<b>13,5</b>	<b>12,0</b>	<b>18,2%</b>	<b>18,7%</b>	<b>11,8%</b>
<b>AVERAGE</b>				<b>9,2</b>	<b>7,8</b>	<b>7,2</b>	<b>15,5</b>	<b>13,9</b>	<b>12,4</b>	<b>22,3%</b>	<b>22,8%</b>	<b>13,7%</b>
Sygnyty				7,7	6,1	5,3	22,0	14,8	11,1	6,3%	7,2%	7,3%
Sygnyty vs peers				-4%	-19%	-32%	50%	10%	-7%	-65%	-62%	-38%
Valuation (PLN m)								241				
<b>Fair value/share (PLN)</b>								<b>20,8</b>				

Source: Espirito Santo Investment Bank Research for Sygnyty estimates, Bloomberg for other ESIB rated and not rated stocks



## FINANCIALS

### Income Statement

Figure 25 Sygnity - P&L

Sygnity - P&L (PLN m)	2009	2010	2011/12	2013E	2014E	2015E	2016E	2017E
<b>Revenues</b>	<b>573</b>	<b>524</b>	<b>871</b>	<b>480</b>	<b>514</b>	<b>547</b>	<b>557</b>	<b>548</b>
% YoY change	-43%	-8%	66%	-45%	7%	6%	2%	-2%
- software&services	462	440	721	419	453	484	494	484
- hardware&goods	111	84	150	61	62	62	63	64
<b>Gross income</b>	<b>74</b>	<b>89</b>	<b>156</b>	<b>94</b>	<b>104</b>	<b>112</b>	<b>115</b>	<b>114</b>
Gross margin	12,9%	16,9%	17,9%	19,6%	20,2%	20,6%	20,7%	20,8%
Sales costs	55	30	49	26	28	30	31	30
as % of revenues	9,7%	5,8%	5,7%	5,4%	5,5%	5,5%	5,5%	5,5%
G&A costs	130	95	108	53	57	60	61	60
as % of revenues	22,7%	18,1%	12,4%	11,1%	11,0%	11,0%	11,0%	11,0%
SG&A ratio	32,4%	23,9%	18,1%	16,5%	16,5%	16,5%	16,5%	16,5%
<b>EBIT</b>	<b>-95</b>	<b>-34</b>	<b>-1</b>	<b>13</b>	<b>19</b>	<b>22</b>	<b>23</b>	<b>23</b>
% YoY change	0%	-64%	-97%	-1153%	51%	17%	6%	0%
% EBIT margin	-16,6%	-6,5%	-0,1%	2,6%	3,7%	4,1%	4,2%	4,3%
Depreciation	-34	-27	-26	-18	-18	-18	-18	-18
<b>EBITDA</b>	<b>-60</b>	<b>-7</b>	<b>26</b>	<b>30</b>	<b>37</b>	<b>40</b>	<b>41</b>	<b>42</b>
% YoY change	-204%	-88%	-453%	15%	22%	9%	3%	0%
% EBITDA margin	-10,5%	-1,4%	3,0%	6,3%	7,2%	7,3%	7,4%	7,6%
Financial income/(expense), net	-8	-9	-13	-4	-5	-3	-2	0
Income tax	-14	1	3	0	1	2	4	4
Minority interest in earnings	0	0	0	0	0	0	0	0
<b>Net income</b>	<b>-89</b>	<b>-43</b>	<b>-11</b>	<b>9</b>	<b>13</b>	<b>17</b>	<b>18</b>	<b>19</b>
% YoY change		-52%	-73%	-175%	48%	33%	4%	6%
% net margin	-15,6%	-8,1%	-1,3%	1,8%	2,5%	3,1%	3,2%	3,4%
<b>Recurrent Net Income</b>	<b>-46</b>	<b>-38</b>	<b>-11</b>	<b>9</b>	<b>13</b>	<b>17</b>	<b>18</b>	<b>19</b>
% YoY change	295%	-19%	-70%	-175%	48%	33%	4%	6%
<b>EPS (PLN)</b>	<b>-7,5</b>	<b>-3,6</b>	<b>-1,0</b>	<b>0,7</b>	<b>1,1</b>	<b>1,5</b>	<b>1,5</b>	<b>1,6</b>
% YoY change		-52%	-72%	-175%	48%	33%	4%	6%
<b>Recurrent EPS (PLN)</b>	<b>-3,9</b>	<b>-3,2</b>	<b>-1,0</b>	<b>0,7</b>	<b>1,1</b>	<b>1,5</b>	<b>1,5</b>	<b>1,6</b>
% YoY change	295%	-19%	-69%	-175%	48%	33%	4%	6%

Source: Company data, Espirito Santo Investment Bank Research for estimates

### Profitability ratios

Figure 26 Sygnity - profitability ratios

Profitability Ratios	2009	2010	2011/12	2013E	2014E	2015E	2016E	2017E
EBITDA margin	-10,5%	-1,4%	3,0%	6,3%	7,2%	7,3%	7,4%	7,6%
EBIT margin	-16,6%	-6,5%	-0,1%	2,6%	3,7%	4,1%	4,2%	4,3%
Net margin	-15,6%	-8,1%	-1,3%	1,8%	2,5%	3,1%	3,2%	3,4%
Effective Income Tax Rate	-13,5%	2,6%	18,2%	-2,0%	-10,0%	-10,0%	-19,0%	-19,0%
ROA	-16,2%	-8,7%	-2,9%	2,2%	3,2%	4,2%	4,3%	4,7%
ROE	-31,5%	-18,9%	-5,6%	4,5%	6,3%	8,0%	7,7%	7,8%

Source: Company data, Espirito Santo Investment Bank Research for estimates



## Balance sheet

Figure 27 Sygnity - balance sheet

Sygnity - Balance sheet (PLN m)	2009	2010	2011/12	2013E	2014E	2015E	2016E	2017E
<b>Total fixed assets</b>	<b>260</b>	<b>224</b>	<b>239</b>	<b>239</b>	<b>240</b>	<b>241</b>	<b>242</b>	<b>243</b>
PP & E, and intangibles	229	209	221	223	224	225	226	227
Other fixed assets	32	15	18	16	16	16	16	16
<b>Total current assets</b>	<b>291</b>	<b>264</b>	<b>159</b>	<b>149</b>	<b>155</b>	<b>160</b>	<b>164</b>	<b>159</b>
Inventory	24	24	24	26	27	29	29	30
Trade and other receivables	171	156	88	103	109	115	117	119
Other current assets	24	17	1	4	4	4	4	4
Cash and equivalents	72	67	47	16	15	13	13	6
<b>Total assets</b>	<b>552</b>	<b>488</b>	<b>398</b>	<b>388</b>	<b>395</b>	<b>401</b>	<b>406</b>	<b>402</b>
<b>Total stockholders equity</b>	<b>283</b>	<b>225</b>	<b>203</b>	<b>192</b>	<b>200</b>	<b>213</b>	<b>230</b>	<b>239</b>
Including minority interest	2	2	2	2	2	2	2	2
<b>Long-term liabilities</b>	<b>3</b>	<b>19</b>	<b>9</b>	<b>31</b>	<b>35</b>	<b>39</b>	<b>40</b>	<b>41</b>
Long-term debt	0	16	0	0	0	0	0	0
Other long-term liabilities	3	2	9	31	35	39	40	41
<b>Short-Term Liabilities</b>	<b>176</b>	<b>202</b>	<b>161</b>	<b>140</b>	<b>134</b>	<b>123</b>	<b>110</b>	<b>97</b>
Accounts payable	98	137	95	77	82	86	88	89
Short-term debt	68	58	63	60	50	35	20	5
Other short-term liabilities	98	46	25	25	25	25	25	25
<b>Total equity &amp; liabilities</b>	<b>552</b>	<b>488</b>	<b>398</b>	<b>388</b>	<b>395</b>	<b>401</b>	<b>406</b>	<b>402</b>
<b>BVPS (PLN)</b>	<b>23,8</b>	<b>18,9</b>	<b>17,5</b>	<b>16,5</b>	<b>17,3</b>	<b>18,4</b>	<b>19,8</b>	<b>20,6</b>

Source: Company data, Espirito Santo Investment Bank Research for estimates

## Leverage Indicators

Figure 28 Sygnity - leverage indicators

Leverage Indicators	2009	2010	2011/12	2013E	2014E	2015E	2016E	2017E
Net Debt (PLN m)	-5	7	17	44	35	22	7	-1
Net Debt / EBITDA (x)	0,1x	-1,0x	0,6x	1,4x	1,0x	0,6x	0,2x	0,0x
Debt / Assets (%)	12,3%	15,2%	15,8%	15,5%	12,7%	8,8%	5,0%	1,3%
Leverage ratio (Assets / Equity) (x)	1,9x	2,2x	2,0x	2,0x	2,0x	1,9x	1,8x	1,7x
EBITDA / Interest coverage (x)	-5,6x	-0,7x	1,8x	5,2x	6,7x	10,4x	18,7x	73,4x

Source: Company data, Espirito Santo Investment Bank Research for estimates

## Cash Flow

Figure 29 Sygnity - Cash Flow

Sygnity - Cash Flow (PLN m)	2009	2010	2011/12	2013E	2014E	2015E	2016E	2017E
<b>Net income</b>	<b>-103</b>	<b>-44</b>	<b>-14</b>	<b>9</b>	<b>13</b>	<b>17</b>	<b>18</b>	<b>19</b>
Depreciation and Amortization	34	27	26	18	18	18	18	18
Change in Net Working Capital	134	-22	11	-35	-3	-3	-1	-1
Other	-5	11	14	0	0	0	0	0
<b>Cash Flow from Operations</b>	<b>2</b>	<b>5</b>	<b>39</b>	<b>-9</b>	<b>28</b>	<b>32</b>	<b>34</b>	<b>36</b>
Capital Expenditures	-6	-10	-28	-19	-19	-19	-19	-19
Other	30	3	3	0	0	0	0	0
<b>Cash Flow from Investing Activities</b>	<b>23</b>	<b>-7</b>	<b>-25</b>	<b>-19</b>	<b>-19</b>	<b>-19</b>	<b>-19</b>	<b>-19</b>
Change in Debt	-103	-1	-9	-3	-10	-15	-15	-15
Issue of shares	0	0	0	0	0	0	0	0
Dividends paid	0	0	0	0	0	0	0	-9
Other	-8	-3	-25	0	0	0	0	0
<b>Cash Flow from Financing Activities</b>	<b>-42</b>	<b>-4</b>	<b>-35</b>	<b>-3</b>	<b>-10</b>	<b>-15</b>	<b>-15</b>	<b>-24</b>
Beginning cash	88	72	67	47	16	15	13	13
Increase/(decrease) in cash	-16	-5	-21	-30	-1	-2	0	-7
<b>Ending cash</b>	<b>72</b>	<b>67</b>	<b>47</b>	<b>16</b>	<b>15</b>	<b>13</b>	<b>13</b>	<b>6</b>
<b>DPS (PLN)</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,8</b>

Source: Company data, Espirito Santo Investment Bank Research for estimates



## Valuation Methodology

We value the stock using two methods: DCF and peer valuation. The final fair value is a weighted average of these two methods, where each has a 50% weight.

## Risks to Fair Value

- Postponement or cancellation of IT contracts in the public sector;
- Further top-line decline
- delays in execution of eTax contract;
- Margin pressure in the market;
- Failure of bond rollover in March 2013 or more expensive than expected rollover of bond financing;
- salary pressure among IT specialists.



Please visit our website at [www.EspiritoSantoIB.co.uk](http://www.EspiritoSantoIB.co.uk) for up to date recommendation charts.



This report was prepared by Espírito Santo Investment Bank Research, a global brand name for the equity research teams of Banco Espírito Santo de Investimento, S.A., with headquarter in Lisbon, Portugal, of its Branches in Spain and Poland and of its affiliates BES Securities do Brasil, S.A - Corretora de Câmbio e Valores Mobiliários, in Brazil, and Execution Noble Limited, in the United Kingdom, all authorized to engage in securities activities according to each domestic legislation. All of these entities are included within the perimeter of the Financial Group controlled by Espírito Santo Financial Group S.A. ("Banco Espírito Santo Group").

**Analyst Certification**

Each research analyst primarily responsible for the content of this research report, in whole or in part, certifies that with respect to each security or issuer that the analyst covered in this report: (1) all of the views expressed accurately reflect his or her personal views about those securities or issuers; the issuers were not previously informed about the content of the recommendation included in this research report and the assumptions were not validated by the issuers; (2) no part of his or her compensation is directly or indirectly related to: (a) the specific recommendations or views expressed by that research analyst in the research report; and/or (b) any services provided or to be provided by Banco Espírito Santo de Investimento, S.A. and/or by any of its affiliates to the issuer of the securities under recommendation. Moreover, each of the analysts hereby certifies that he or she has no economic or financial interest whatsoever in the companies subject to his or her opinion and does not own or trade any securities issued by the latter.

**Ratings Distribution**

Esprito Santo Investment Bank Research hereby provides the distribution of the equity research ratings in relation to the total Issuers covered and to the investment banking clients as of end of December 2012.

**Explanation of Rating System**

12-MONTH RATING	DEFINITION
<b>BUY</b>	Analyst expects at least 10% upside potential to fair value, which should be realized in the next 12 months
<b>NEUTRAL</b>	Analyst expects upside/downside potential of between +10% and -10% to fair value, which should be realized in the next 12 months
<b>SELL</b>	Analyst expects at least 10% downside potential to fair value, which should be realized in the next 12 months

TRADING RATING	DEFINITION
<b>TRADING BUY</b>	Analyst expects a positive short-term movement in the share price (max duration 2 months from the time Trading Buy is announced) and may move out of line with the fair value estimate during that period
<b>TRADING SELL</b>	Analyst expects a negative short-term movement in the share price (max duration 2 months from time Trading Sell is announced) and may move out of line with the fair value estimate during that period

**Ratings Distribution**

As at end December 2012	Total ESIB Research		Total Investment Banking Clients (IBC)		
	Count	% of Total	Count	% of IBC	% of Total
<b>12 Month Rating:</b>					
<b>Buy</b>	222	45.3%	29	53.0%	5.9%
<b>Neutral</b>	171	34.9%	17	31.5%	3.5%
<b>Sell</b>	91	18.6%	5	9.3%	1.0%
<b>Restricted</b>	5	1.0%	3	5.6%	0.6%
<b>Under Review</b>	0	0.0%	0	0.0%	0.0%
<b>Trading Rating:</b>					
<b>Trading Buy</b>	1	0.2%	0	0.0%	0.0%
<b>Trading Sell</b>	0	0.0%	0	0.0%	0.0%
<b>Total recommendations</b>	490	100%	54	100%	11.0%

For further information on Rating System please see "Definitions and distribution of ratings" on: <http://www.espiritosantoib-research.com>.

**Share Prices**

Share prices are as at the close of business on the day preceding publication, unless otherwise specified.

**Coverage Policy**

Esprito Santo Investment Bank Research reserves the right to choose the securities it expresses opinions on. The main criteria to choose such securities are: 1) markets in which they trade 2) market capitalisation 3) liquidity, 4) sector suitability. Espírito Santo Investment Bank Research has no specific policy regarding the frequency in which opinions and investment recommendations are released.

**Representation to Investors**

Esprito Santo Investment Bank Research has issued this report for information purposes only. This material constitutes "investment research" for the purposes of the Markets in Financial Instruments Directive and as such contains an objective or independent explanation of the matters contained in the material.

Any recommendations contained in this document must not be relied upon as investment advice based on the recipient's personal circumstances. This report is not, and should not be construed as an offer or a solicitation to buy or sell any securities or related financial instruments. The investment discussed or recommended in this report may be unsuitable for investors depending on their specific investment objectives and financial position. The material in this research report is general information intended for recipients who understand the risks associated with investment. It does not take account of whether an investment, course of action, or associated risks are suitable for the recipient. This research report does not purport to be comprehensive or to contain all the information on which a prospective investor may need in order to make an investment decision and the recipient of this report must make its own independent assessment and decisions regarding any securities or financial instruments mentioned herein. In the event that further clarification is required on the words or phrases used in this material, the recipient is strongly recommended to seek independent legal or financial advice. Where an investment is denominated in a currency other than the investor's currency, changes in rates of exchange may have an adverse effect on the value, price of, or income derived from the investment. Past performance is not necessarily a guide to future performance. Income from investments may fluctuate. The price or value of the investments to which this report relates, either directly or indirectly, may fall or rise against the interest of investors. Any recommendation and opinion contained in this report may become outdated as a consequence of changes in the environment in which the issuer of the securities under analysis operates, in addition to changes in the estimates and forecasts, assumptions and valuation methodology used herein. The securities mentioned in this publication may not be eligible for sale in some states or countries.

All the information contained herein is based upon information available to the public and has been obtained from sources believed to be reliable. However, Espírito Santo Investment Bank Research does not guarantee the accuracy or completeness of the information contained in this report. The opinions expressed herein are Espírito Santo Investment Bank Research present opinions only, and are subject to change without prior notice. Espírito Santo Investment Bank Research is not under any obligation to update or keep current the information and the opinions expressed herein nor to provide the recipient with access to any additional information.

Esprito Santo Investment Bank Research has not entered into any agreement with the issuer relating to production of this report. Espírito Santo Investment Bank Research does not accept any form of liability for losses or damages which may arise from the use of this report or its contents.

**Ownership and Material Conflicts of Interest**

Banco Espírito Santo de Investimento, S.A. and/or its Affiliates (including all entities within Espírito Santo Investment Bank Research) and/or their directors, officers and employees, may have, or have had, interests or qualified holdings on issuers mentioned in this report. Banco Espírito Santo de Investimento, S.A. and/or its Affiliates may have, or have had, business relationships with the companies mentioned in this report. However, the research analysts may not purchase or sell securities or have any interest whatsoever in companies subject to their opinion.

Banco Espírito Santo Group has a qualified shareholding (1% or more) in EDP, ImmuPharma, Portugal Telecom and ZON Multimédia. Portugal Telecom has either a direct or indirect qualified shareholding (2% or more) in Banco Espírito Santo, S.A. and Lloyds Banking Group has a shareholding of 3.3% in Espírito Santo Investment Holdings Limited. Bradesco has an indirect qualified shareholding (4.8%) in Banco Espírito Santo, S.A. and has a direct qualified shareholding (20%) in BES Investimento do Brasil, S.A., the parent company of BES Securities do Brasil S.A. CCVM.

BES Securities do Brasil S.A. CCVM does not hold a direct or indirect stake in the capital of the company (companies) that are subject of analysis(es)/recommendation(s) in this report, but the Banco Espírito Santo Group within which it is inserted, holds, directly and in some cases indirectly, 1% or more of the equity securities of Bradesco. With the exception of the company mentioned before, BES Securities do Brasil S.A. CCVM does not hold direct or indirect stakes in the capital of the other companies that are subject of analysis(es)/recommendations in this report, and it was not involved in the acquisition, alienation and intermediation of securities issued by these companies in the market. Pursuant to Polish Ministry of Finance regulations, we inform that Banco Espírito Santo Group companies and/or Banco Espírito Santo de Investimento, S.A. Branch in Poland do not have a qualified shareholding in the Polish Securities Issuers mentioned in this report higher than 5% of its total share capital.

Mr. Ricardo Espírito Santo Silva Salgado, the CEO of Banco Espírito Santo, S.A. and Chairman of Banco Espírito Santo de Investimento, S.A., is a board member of Bradesco since June 2003. The Chief Executive Officer of Banco Espírito Santo de Investimento, S.A., Mr. José Maria Ricciardi, is a member of EDP's General and Supervisory Board. Mr. Rafael Valverde, a member of the board of Banco Espírito Santo de Investimento, S.A., is a non-executive board member of EDP Renováveis. Mr. Ricardo Abecassis Espírito Santo Silva, a member of the board of Banco Espírito Santo de Investimento, S.A., is a board member of Brazil Hospitality Group.

Banco Espírito Santo de Investimento, S.A and/or its subsidiaries are liquidity providers for Altri.

Banco Espírito Santo de Investimento, S.A. and/or its subsidiaries participate or have participated as a syndicate member in share offerings of ACM Shipping Plc, Burford Capital, Equatorial, Fibria Celulose, IQE plc, Marfrig, Minerva, Santander, Sonae and Suzano Papel e Celulose in the last 12 months.



Banco Espírito Santo de Investimento, S.A. and/or its subsidiaries participate or have participated as a syndicate member in the bond issues of the following companies: Bradesco, Cemig, EDP, Jerónimo Martins, Mota-Engil, Oi, Portugal Telecom, REN, Semapa and ZON Multimédia in the last 12 months.

Banco Espírito Santo de Investimento, S.A. and/or its subsidiaries provided investment banking services to the following companies: Acciona, ACM Shipping, AGA Rangemaster Group, Altri, Assura, Bradesco, Burford Capital, Casino Guichard, Cemig, Copel, EDP, Ence, Equatorial, Fibria Celulose, Flybe Group Plc, Galp Energia, Grupa Lotos, Ibersol, ImmuPharma, Impax Asset Management Group, Inditex, IQE, Jerónimo Martins, Kredyt Inkaso, Laird, Marfrig, Minerva, Mota-Engil, Novae Group Plc, Oi, Portugal Telecom, REN, Rovi, Sacyr Vallehermoso, Santander, Semapa, Shaftesbury Plc, Sonae, Suzano Papel e Celulose, SVG Capital, Ted Baker, The Local Shopping REIT Plc, Tim, Vertu Motors, Workspace Group Plc, Xchanging and ZON Multimédia in the last 12 months.

Banco Espírito Santo Group has been a partner to Mota-Engil in the infrastructure business in Portugal and other countries. Mota-Engil and Banco Espírito Santo Group, through ES Concessões, S.G.P.S., S.A., have created a joint holding company – Ascendi – for all stakes in transportation infrastructure concessions, in Portugal and abroad. Banco Espírito Santo de Investimento, S.A. provided, or continues to provide, investment banking services to Ascendi.

Banco Espírito Santo de Investimento, S.A. and/or its subsidiaries do and seek to provide investment banking or other services to the companies referred to in this research report. As a result, investors should be aware that a conflict of interest may exist.

#### **Market Making UK**

Execution Noble Limited is a Market Maker in companies covered and may sell to or buy from customers as principal in certain financial instruments listed or admitted to listing on the London Stock Exchange. For information on Companies to which Execution Noble Limited is a Market Maker please see "UK Market Making" on <http://www.espiritosantoib-research.com>.

#### **Confidentiality**

This report cannot be reproduced, in whole or in part, in any form or by any means, without Espírito Santo Investment Bank Research's specific written authorization. This report is confidential and is intended solely for the designated addressee. Therefore any disclosure, replication, distribution or any action taken in reliance on it, is prohibited and unlawful. Receipt and/or review of this research report constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained in this report (including any investment recommendations, estimates or price targets without first obtaining express permission from an authorized officer of Banco Espírito Santo de Investimento, S.A.

#### **Regulatory Authorities**

For information on the identity of the Regulatory Authorities that supervise the entities included within Espírito Santo Investment Bank Research please see <http://www.espiritosantoib-research.com>.

#### **IMPORTANT DISCLOSURES FOR U.S. PERSONS**

This report was prepared by Espírito Santo Investment Bank Research, a global brand name for the equity research teams of Banco Espírito Santo de Investimento, S.A., with headquarter in Lisbon, Portugal, of its Branches in Spain and Poland and of its affiliates BES Securities do Brasil, S.A. – Corretora de Câmbio e Valores Mobiliários, in Brazil, and Execution Noble Limited, in the United Kingdom, all authorized to engage in securities activities according to each domestic legislation. Neither Banco Espírito Santo de Investimento, S.A. nor these affiliates are registered as a broker-dealer in the United States and therefore, is not subject to U.S. rules regarding the preparation of research reports and the independence of research analysts. This report is provided for distribution to U.S. institutional investors in reliance upon the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended.

This report is confidential and not intended for distribution to, or use by, persons other than the addressee and its employees, agents and advisors.

E.S. Financial Services, Inc. is the U.S. distributor of this report. E.S. Financial Services, Inc. accepts responsibility for the contents of this report, subject to the terms set out below, to the extent that it is delivered to a U.S. person other than a major U.S. institutional investor. Any U.S. person receiving this report and wishing to effect securities transactions in any security discussed in the report should do so only through E.S. Financial Services, Inc.

#### **Contact Information**

Garreth Hodgson	Senior Managing Director /Head of Sales	(212) 351-6054	ghodgson@espiritosantoib.com
Eva Gendell	Vice President	(212) 351-6058	egendell@espiritosantoib.com
James Kaloudis	Executive Director	(212) 351-6065	jkaloudis@espiritosantoib.com
Joy Bejasa	Vice President	(212) 351-6055	jbejasa@espiritosantoib.com
Lisa Gottardo	Executive Director	(212) 351-6060	lgottardo@espiritosantoib.com
Mike Williams	Vice President	(212) 351-6052	mwilliams@espiritosantoib.com
Pedro Marques	Vice President	(212) 351-6051	pmarques@espiritosantoib.com
Poorva Upadhyaya	Assistant Vice President	(212) 351-6056	pupadhyaya@espiritosantoib.com

E.S. Financial Services, Inc.  
New York Branch  
340 Madison Avenue, 12th Floor  
New York, N.Y. 10173

Each analyst whose name appears in this report certifies the following, with respect to each security or issuer that the analyst covers in this report: (1) that all of the views expressed in this report accurately reflect the personal views of the analyst about those securities and issuers; and (2) that no part of the compensation of the analyst was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed by the analyst in this report.

The analysts whose names appear in this report are not registered or qualified as research analysts with the Financial Industry Regulatory Authority ("FINRA") and may not be associated persons of E.S. Financial Services, Inc. and therefore may not be subject to the applicable restrictions under FINRA Rules on communications with a subject company, public appearances and trading securities held by a research analyst account.

#### **Ownership and Material Conflicts of Interest**

Banco Espírito Santo de Investimento, S.A. and/or its Affiliates and/or their directors, officers and employees, may have, or have had, interests or qualified holdings on issuers mentioned in this report. Banco Espírito Santo de Investimento, S.A. and/or its Affiliates may have, or have had, business relationships with the companies mentioned in this report.

For a complete list of the covered Issuers in which Banco Espírito Santo de Investimento, S.A. or its Affiliates hold stakes in excess of 1% and for information on possible material conflicts of interest arising from investment banking activities please see "Important disclosures for US persons" on <http://www.espiritosantoib-research.com>.

#### **Receipt of Compensation**

For information on Receipt of Compensation from subject Issuers please see "Important disclosures for US persons" on <http://www.espiritosantoib-research.com>.

#### **Representation to Investors**

Esírito Santo Investment Bank Research has issued this report for information purposes only. All the information contained therein is based upon information available to the public and has been obtained from sources believed to be reliable. However, Espírito Santo Investment Bank Research does not guarantee the accuracy or completeness of the information contained in this report. The opinions expressed herein are our present opinions only, and are subject to change without prior notice. Espírito Santo Investment Bank Research is not under any obligation to update or keep current the information and the opinions expressed herein. This report is not, and should not be construed as an offer or a solicitation to buy or sell any securities or related financial instruments. The investment discussed or recommended in this report may be unsuitable for investors depending on their specific investment objectives and financial position. Where an investment is denominated in a currency other than the investor's currency, changes in rates of exchange may have an adverse effect on the value, price of, or income derived from the investment. Past performance is not necessarily a guide to future performance. Income from investments may fluctuate. The price or value of the investments to which this report relates, either directly or indirectly, may fall or rise against the interest of investors. Any recommendation and opinion contained in this report may become outdated as a consequence of changes in the environment in which the issuer of the securities under analysis operates, in addition to changes in the estimates and forecasts, assumptions and valuation methodology used herein. The securities mentioned in this publication may not be eligible for sale in some states or countries. Espírito Santo Investment Bank Research does not accept any form of liability for losses or damages which may arise from the use of this report. Please note that investing in any non-U.S. securities or related financial instruments discussed in this research report may present certain risks. The securities of non-U.S. issuers may not be registered with the U.S. Securities and Exchange Commission or subject to regulation in the United States. Information on such non-U.S. securities or related financial instruments may be limited. Foreign companies may not be subject to audit and reporting standards and regulatory requirements comparable to those in the United States.

