

Positive Feedback From Meeting With Webraska

- Interest in location based services remains very high amongst wireless carriers due to its potential to increase ARPU and customer loyalty.
- Webraska noted that Vodafone, Orange and British Telecom, are focused on location based services. SignalSoft has announced relationships with all three of these carriers.
- Wireless subscribers use location based services 2 – 3 times more frequently when automatic location technology is enabled. This demonstrates the value of the SGSF's Location Manager gateway, which serves as an interface between the raw location data, and the location based applications.
- SignalSoft and Webraska began a joint-trial at M1, a wireless carrier in Singapore, in February. According to Webraska, the trial is proceeding well and we believe it could result in a full deployment in the near future

SignalSoft is a leading provider of software products that enable the delivery of location-based services to wireless network operators.

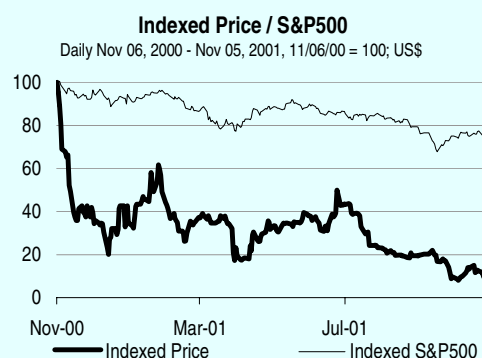
Research team

Susan M. Passoni
212/538-5496
susan.passoni@csfb.com

Jared R. Smith
212/538-4083
jared.smith@csfb.com

Christopher T. Schott
212/538-0590
chris.schott@csfb.com

Recommendation	HOLD
Price (05 Nov 01)	2.85 (US\$)
Target price (12 months)	—
52 week high - low	23.00 - 1.85
Market cap. (US\$m)	71.78
Region / Country	Americas / United States
Sector	Communications Software
Date	07 November 2001



On 11/05/01 the S&P 500 index closed at 1102.84.

Year	12/00A	12/01E	12/02E
EPS (CSFB adj., US\$)	-0.85	-1.06	-1.15
Prev. EPS (US\$)			
P/E (x)	-3.4	-2.7	-2.5
P/E rel.	—	—	—
Q1 EPS	-0.40	-0.17	-0.30
Q2	-0.40	-0.31	-0.29
Q3	-0.15	-0.28	-0.28
Q4	-0.15	-0.29	-0.28

Number of shares (m)	Price/Sales (x)
25.19	3.6
BV/Share (09/01A, US\$)	P/BVPS (x)
3.61	0.8
Net Debt (09/01A, US\$m)	
—	

Year	12/00A	12/01E	12/02E
Revenues (US\$m)	13.6	19.8	23.4
EBITDA (US\$m)	—	—	—
OCFPS (US\$)	—	—	—
P/OCF (x)			

Source: Company data, CREDIT SUISSE FIRST BOSTON (CSFB) estimates.

Investment Summary

Yesterday, we met with a Webraska, a private company that sells location based applications to wireless carriers. The company provided us with some insight into in the wireless location market that reflects positively on the outlook for SignalSoft.

- Interest in location based services remains very high amongst wireless carriers due to its potential to increase ARPU and customer loyalty. To date, adoption has been hindered by the availability and acceptance of WAP-enabled devices but this dynamic should be remedied in 2002.
- Webraska noted that Vodafone, Orange and British Telecom, three of the largest European supercarriers with multiple subsidiaries, are all focusing a good deal of attention on location based services. SignalSoft has announced relationships with all three of these carriers (as well as the two other largest European supercarriers: Deutsche Telekom and Telefonica), which bodes well for SignalSoft's revenue opportunities with these carriers.
- In Webraska's experiences, wireless subscribers use location based services 2 – 3 times more frequently when automatic location technology is enabled as opposed to subscribers having to input their location into their handheld device. This is a testament to the value of the SGSF's Location Manager gateway, which serves as an interface between the raw location data, and the location based applications.
- SignalSoft and Webraska began a joint-trial at M1, a wireless carrier in Singapore, in February. According to Webraska, the trial is proceeding well and we believe it could result in a full deployment in the near future.

Company Overview

SignalSoft is a leading provider of software products that enable the delivery of location-based services to wireless network operators. SignalSoft offers carriers an end-to-end solution that includes an operating platform and a suite of software applications that will enable operators to seamlessly offer a range of location-based, value-added voice and data solutions. SignalSoft's products are highly scalable and flexible and are compatible with all major interfaces, location technologies and wireless standards, which will allow it to address the global market for wireless data. SignalSoft's early-mover advantage has already led to an impressive list of worldwide, leading-carrier customers, including AT&T Wireless, Cingular, Vodafone Libertel, Orange UK and Sprint PCS. Further, SignalSoft also has established over 200 industry partnerships with location determination technology vendors, Internet content providers, equipment providers and distributors that will further facilitate its dominance in the location market.

N.B.: CREDIT SUISSE FIRST BOSTON CORPORATION may have, within the last three years, served as a manager or co-manager of a public offering of securities for or makes a primary market in issues of any or all of the companies mentioned.

Exhibit 1:

SignalSoft (SGSF)**Income Statement (\$ thousands)****December Yearend****S. Passoni/J. Smith/C. Schott (212) 538-5496/4083/0590****Credit Suisse First Boston**

	1Q01A	2Q01A	3Q01A	4Q01E	1Q02E	2Q02E	3Q02E	4Q02E	2000A	2001E	2002E
Revenues:											
License fees	5,537.1	3,079.7	3,692.4	4,450.0	4,482.5	4,645.5	4,950.0	5,177.0	10,316.7	16,759.2	19,255.0
Maintenance	181.0	101.0	108.5	110.0	137.5	142.5	150.0	155.0	297.0	500.6	585.0
Professional Services	491.7	614.6	695.0	740.0	880.0	912.0	900.0	868.0	3,034.9	2,541.3	3,560.0
Total Revenues	6,209.8	3,795.4	4,495.9	5,300.0	5,500.0	5,700.0	6,000.0	6,200.0	13,648.6	19,801.1	23,400.0
Cost of Revenues	1,658.6	1,732.7	2,002.4	2,650.0	2,750.0	2,565.0	2,400.0	2,170.0	4,243.3	8,043.7	9,885.0
Gross Profit	4,551.3	2,062.7	2,493.5	2,650.0	2,750.0	3,135.0	3,600.0	4,030.0	9,405.3	11,757.5	13,515.0
Gross Margin	73.3%	54.3%	55.5%	50.0%	50.0%	55.0%	60.0%	65.0%	68.9%	59.4%	57.8%
Operating Expenses											
SG&A	6,405.3	6,082.8	5,667.3	5,700.0	5,750.0	5,750.0	5,800.0	5,850.0	13,305.3	23,855.5	23,150.0
Research & Development	3,016.0	3,560.4	4,037.4	4,240.0	4,300.0	4,300.0	4,350.0	4,400.0	9,960.0	14,853.8	17,350.0
Depreciation	369.9	413.1	549.0	600.0	700.0	805.0	925.8	1,064.6	853.1	1,932.0	3,495.4
Amortization of Goodwill	225.1	514.3	970.9	970.9	970.9	970.9	970.9	970.9	668.5	2,681.4	7,311.0
Stock Compensation	292.6	292.6	255.5	300.0	300.0	300.0	300.0	300.0	951.1	1,140.6	1,200.0
Total Operating Expenses	10,309.0	10,863.2	11,480.2	11,810.9	12,020.9	12,125.9	12,346.7	12,585.6	25,738.0	44,463.3	52,506.3
Operating Income	(5,757.7)	(8,800.5)	(8,986.7)	(9,160.9)	(9,270.9)	(8,990.9)	(8,746.7)	(8,555.6)	(16,332.6)	(32,705.8)	(38,991.3)
Operating Margin	-92.7%	-231.9%	-199.9%	-172.8%	-168.6%	-157.7%	-145.8%	-138.0%	-119.7%	-165.2%	-166.6%
Other Income & Net Interest	1,149.3	951.3	665.2	540.2	440.2	340.2	240.2	140.2	3,062.2	3,305.9	1,160.7
Income before Taxes	(4,608.5)	(7,849.2)	(8,321.5)	(8,620.8)	(8,830.8)	(8,650.8)	(8,506.5)	(8,415.4)	(13,270.4)	(29,399.9)	(37,830.6)
Income Taxes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tax Rate	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Income bfr Extraordinary Item	(4,608.5)	(7,849.2)	(8,321.5)	(8,620.8)	(8,830.8)	(8,650.8)	(8,506.5)	(8,415.4)	(13,270.4)	(29,399.9)	(37,830.6)
Extraordinary Item	0.0	(440.5)	0.0	0.0	0.0	0.0	0.0	0.0	50.5	(440.5)	0.0
Net Income	(4,608.5)	(8,289.7)	(8,321.5)	(8,620.8)	(8,830.8)	(8,650.8)	(8,506.5)	(8,415.4)	(13,220.0)	(29,840.4)	(37,830.6)
Net Margin	-74.2%	-218.4%	-185.1%	-162.7%	-160.6%	-151.8%	-141.8%	-135.7%	-96.9%	-150.7%	-161.7%
Operating EPS ¹	(0.17)	(0.31)	(0.28)	(0.29)	(0.30)	(0.29)	(0.28)	(0.28)	(0.85)	(1.06)	(1.15)
Reported EPS	(0.20)	(0.34)	(0.33)	(0.34)	(0.35)	(0.34)	(0.33)	(0.33)	(0.97)	(1.22)	(1.48)
Avg. Shares Outstanding	23,524.6	24,184.5	25,183.2	25,283.2	25,383.2	25,483.2	25,583.2	25,683.2	13,655.5	24,543.9	25,533.2

¹ Operating EPS excludes one-time items, goodwill amortization and stock option compensation expense

Source: Company reports and Credit Suisse First Boston estimates