

News Release

SPIRENT COMMUNICATIONS PLC TRADING UPDATE

London, UK – 22 April 2013: Spirent Communications plc ("Spirent", the "Company" or the "Group") (LSE: SPT), a leading communications technology company, announces the following trading update covering the period from 1 January to 31 March 2013.

Trading update

The anticipated slowdown in the market was more pronounced than expected during the first quarter 2013. All major regions saw a reduction in demand consistent with our customers' reduction in capital expenditure. Customers delayed projects as their plans have been slow to be released for the year, and certain large accounts have not repeated the high level of spending seen in the corresponding period in 2012. As a result revenue fell by \$20.6 million to \$96.8 million for the first quarter, with operating profit impacted by the loss of gross profit on this lower revenue.

The prospects for the second quarter are expected to achieve similar revenue to that of the same period last year.

The Interim Management Statement, which will include the first quarter results and further detail on outlook, will be issued on May 1st.

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About Spirent Communications plc

Spirent Communications plc is a global leader in test and measurement inspiring innovation within development labs, communication networks and IT organisations. We enable today's communication ecosystem as well as tomorrow's emerging enterprises to deploy life enriching

communications networks, devices, services and applications. Further information about Spirent Communications plc can be found at www.spirent.com.

Spirent Communications plc Ordinary Shares are traded on the London Stock Exchange (ticker: SPT). The Company operates a Level 1 American Depositary Receipt ("ADR") programme with each ADR representing four Spirent Communications plc Ordinary Shares. The ADRs trade in the US over-the-counter ("OTC") market under the symbol SPMYY and the CUSIP number is 84856M209. Spirent ADRs are quoted on the Pink OTC Markets electronic quotation service which can be found at http://www.otcmarkets.com/otc-pink/home.

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