SPIRENT COMMUNICATIONS PLC

APPOINTMENT OF CHIEF FINANCIAL OFFICER

London, UK – 30 January 2014: Spirent Communications plc (“Spirent”, the “Company” or the “Group”) (LSE: SPT), a leading communications technology company, is pleased to announce the appointment of Rachel Whiting as Chief Financial Officer. Ms Whiting will join the Company’s Board as an Executive Director with effective from 1 February 2014 and will report to Spirent’s Chief Executive Officer, Eric Hutchinson. She will continue in her role as Company Secretary until a successor is appointed.

Ms Whiting has worked for the Group since 1986. During this time she has held a number of financial roles, including Head of Group Tax with particular focus on business development and restructuring, most recently adding the role of Company Secretary. She is a Fellow of the Institute of Chartered Accountants in England and Wales, an Associate of the Chartered Institute of Tax and of the Institute of Chartered Secretaries and Administrators and has a degree in Economics from the University of Bristol.

Alex Walker, Chairman, said:

“We are delighted to appoint Rachel to our Board and believe that her experience and skill set are what we require to support Spirent’s future development. We look forward to her continuing contribution.”

At the date of her appointment, Rachel Whiting (and connected persons) holds 83,353 Ordinary shares, representing 0.0135% of the Company’s total voting rights. She also holds options over 126,411 Ordinary shares under the Company’s Employee Incentive Plan.

No further disclosure obligations arise under paragraphs (1) to (6) of Listing Rule 9.6.13R of the UK Listing Authority’s Listing Rules in respect of this appointment.

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Enquiries

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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 www.pinksheets.com.

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This document may contain forward-looking statements which are made in good faith and are based on current expectations or beliefs, as well as assumptions about future events. You can sometimes, but not always, identify these statements by the use of a date in the future or such words as "will", "anticipate", "estimate", "expect", "project", "intend", "plan", "should", "may", "assume" and other similar words. By their nature, forward-looking statements are inherently predictive and speculative and involve risk and uncertainty because they relate to events and depend on circumstances that will occur in the future. You should not place undue reliance on these forward-looking statements, which are not a guarantee of future performance and are subject to factors that could cause our actual results to differ materially from those expressed or implied by these statements. The Company undertakes no obligation to update any forward-looking statements contained in this document, whether as a result of new information, future events or otherwise.