
Updating Firmware on RN-XX modules

To perform a firmware upgrade, you must have the ability to access the SPI bus pins on the module.

Use the table below to build a PC port Parallel cable which will be used to communicate to the module.

SIGNAL NAME	PC PAR PORT	SPI header pin	RN-11, RN30 PAD	RN-02 PAD	RN-24 PIN
MISO	10	1	24	7	7
MOSI	8	2	2	10	6
CLK	9	3	6	9	5
CS	2	4	23	8	4
3.3VDC	external power	5	11	16	3
GND	20,22,24, or 25	6	1,12	1,3,17	2,24

To perform the upgrade, you must first install the BlueSuite tools (from CSR). These can be found at <http://www.rovingnetworks.com/bin/bluesuite-12.zip>.

Next, unzip the code files to a directory, and then open a command prompt window.

*Install your cable, and run the file **flash.bat** to perform the upgrade.*