

SEGGER brings the Internet services to USB devices

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SEGGER, leading supplier of embedded systems development tools, announced the release of a complete USB to Internet solution.



This solution uses the RNDIS USB class. It enables developers to transform low-end standalone products into connected devices with the same functionality as other devices on a local network.

With an appropriate application server in the firmware of a USB-connected device, any internet service on the host computer can access it. Examples include Web, Telnet, FTP or other application specific services.

The host can allow the USB device to access the LAN and Internet if desired. If the USB device is capable of accessing the Internet, like an internet access stick, it can allow host access as well. Installation of an additional USB host driver is not necessary.

Any USB device with a need to configure, retrieve, send or visualize data can benefit from this technology. Examples include printers, measurement devices (digital caliper, torque wrench, ...), cameras, debug probes, and mobile Internet access sticks. This technology can even be used on microcontrollers with as little as 128KB of Flash.

SEGGER's emUSB-Device PRO and embOS/IP PRO packages form the first complete out-ofthe-box solution for accessing stand-alone USB devices with standard Internet services such as a Web browser.

You can find out more at: <u>http://segger.com/emusb-rndis-class.html</u>

More information about emUSB-Device is available at: <u>http://segger.com/emusb.html</u>

About emUSB-Device

emUSB-Device is a high performance USB device stack specifically designed for embedded systems. The flexible device stack allows the creation of multi-class devices using nearly any combination of the provided classes. emUSB-Device provides classes for the Media Transfer Protocol, Mass Storage Device, CDROM, Human Interface Device, CDC (Serial port communication), printer and a sophisticated Bulk communication class. emUSB-Device is fully compliant to the USB-standard.

Full product specifications are available at: <u>http://segger.com/emusb.html</u>

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About SEGGER

SEGGER Microcontroller develops and distributes hardware and software development tools as well as software components for embedded systems. An "embedded system" is one in which a microprocessor and associated components are incorporated into a device helping to accomplish difficult and complex tasks in products such as cell phones, medical



instruments, instrument clusters, measurement instruments, satellite radios, digital cameras etc.

SEGGER was founded in 1997, is privately held, and is growing steadily. Based in Hilden with distributors in all continents and a local office in Massachusetts, SEGGER offers its full product range worldwide.

SEGGER software products include: embOS (RTOS), emWin (GUI), emFile (File System), emUSB (USB host and device stack) and embOS/IP (TCP/IP stack). With the experience in programming efficiently on embedded systems, SEGGER created highly integrated, cost-effective programming and development tools, such as the Flasher (stand-alone flash programmer) and the industry leading J-Link/J-Trace emulator.

SEGGER cuts software development time for embedded applications by offering affordable, high quality, flexible and easy-to-use tools and software components allowing developers to focus on their applications. Find out more at <u>http://www.segger.com.</u>

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