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Empower demonstrates next generation HPA software update capability

A next generation, "size matters" 1 kW Power Amplifier from Empower RF Systems, already deployed at a customer site overseas, had its operating software and user interface successfully updated via a software patch that was downloaded from a secure web portal and installed with a USB drive inserted directly into the back panel of the amplifier. The upload process was streamlined for "ease of use" with a self extracting and self loading file that contained all updates, confirmed successful installation, and automatically reset the amplifier monitoring, control and performance parameters. No operator intervention or procedures were required other than downloading the software file onto a USB drive and inserting the drive into the USB port on the back of the unit.



This unique capability is one aspect of the revolutionary software architecture of Empower's next generation amplifiers. The feature rich menu now available on these high power amplifiers includes not only the software update process recently demonstrated, but also real time monitoring, protection and control, sensor driven dynamic adjustments to the amplifier while in operation, remote user access, and a selection of communications protocols that can be enabled by the end user during system set up. The software update capability can also be exercised via a "direct connect" link, if permitted by the customer, from Empower to the fielded amplifier via the amplifier's embedded web server.

Empower RF Systems is a leader in power amplifier solutions for defense, commercial, and industrial applications. Our products incorporate the latest semiconductor and power combining technologies and originate from an extensive library of "building block" designs. Solutions range from basic PA modules to multifunction PA assemblies with embedded, microprocessor controllers.

Visit Empower RF website:

<http://www.EmpowerRF.com>

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