

Icon Labs Posts White Paper for Developers of Smart Home, IoT & M2M Devices

A new white paper for those concerned about cyber-attacks upon industrial networks, smart home systems, autos, office systems, utility plants, etc.

WEST DES MOINES, IOWA, USA,
March 11, 2014 /EINPresswire.com/ --
Security Requirements for [Embedded Devices](#) – What is Really Needed?

Icon Labs Posts new White Paper for Developers of [Smart Home](#), IoT and M2M Devices, Networks and Solutions

West Des Moines, Iowa, March 11, 2014

– Icon Labs (www.iconlabs.com), a leading provider of embedded networking and security technology, today announced that a new white paper is available for those in the industry concerned about [cyber-attacks](#) upon industrial networks, smart home systems, automobiles, office systems, utility plants, etc. This new white paper - Security Requirements for Embedded Devices – What is Really Needed? can be downloaded here <http://www.iconlabs.com/security-requirements-whitepaper/>

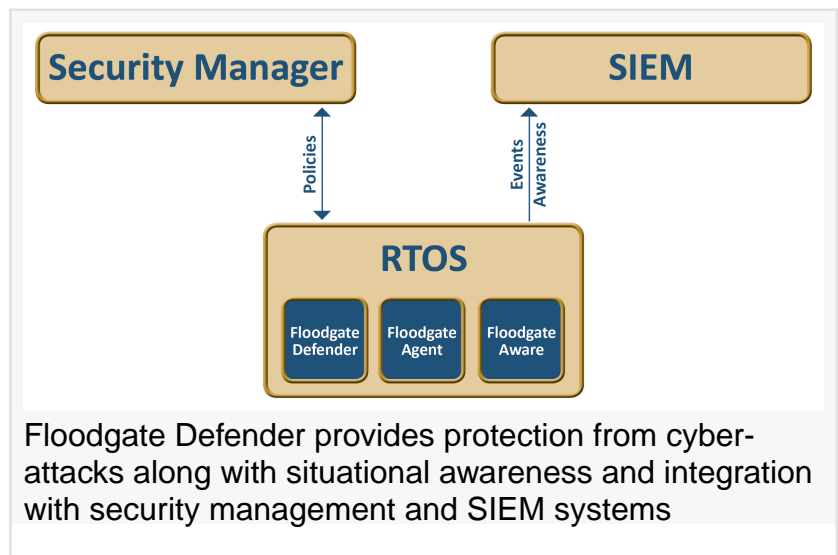
“Many of today’s modern embedded devices and systems are complex connected computers charged with performing critical functions,” explains Alan Grau, President of Icon Labs. “Including security in these devices is a critical design task. Security features must be considered early in the design process to ensure the device is protected from the advanced cyber-threats they will be facing. “

A security solution for embedded devices must ensure the device firmware has not been tampered with, secure the data stored by the device, secure communication and protect the device from cyber-attacks. This can only be achieved by including security in the early stages of design. There is no one one-size fits all security solution for embedded device. Security requirements must take into consideration the cost of a security failure (economic, environmental, social, etc.), the risk of attack, available attack vectors, and the cost of implementing a security solution.

This new whitepaper covers the top seven challenges for embedded security, how to stop the motivated hacker, and the the top security requirements for embedded devices.

About Icon Laboratories, Inc.

Icon Labs is a leading provider of embedded software for device security, device protection and networking management, including the award winning Floodgate Defender. Founded in 1992, Icon Labs is headquartered in West Des Moines, Iowa. For more information, visit www.iconlabs.com, send email to info@iconlabs.com, or call 1.888.235.3443 (U.S. and Canada) or 515.226.3443 (International).



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