Photo available: https://percepio.com/press/photos/IoT-AdvantEdge-Webinar.jpg

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Press Release 6/20

Percepio to host Cypress IoT-AdvantEdge webinar on how to close the loop on IoT device error reporting

Webinar includes a live demonstration of DevAlert and Tracealyzer leveraging Cypress PSoC® 64 Secure MCUs and AWS IoT Core

Västerås, Sweden, 1ˢᵗ September 2020 * * * Percepio, the leader in visual trace diagnostics for embedded systems and IoT, is pleased to announce that it will be hosting a Cypress IoT-AdvantEdge™ webinar on Thursday, 17th September 2020 at 9am PST (6pm CEST). Entitled "Closing the Loop On IoT Device Error Reporting", the webinar outlines a strategy for dealing with bug reports from users of field-deployed IoT products. The webinar will be presented by Percepio CEO Johan Kraft and Gary Sugita, Director of Marketing – IoT Compute and Wireless Business Unit at Cypress, an Infineon Technologies company. The webinar is free and open for registration here.

Good development methods and rigorous testing can eliminate most software bugs, but despite the best verification efforts some bugs will remain in the deployed device software. Adding IoT connectivity increases the code size and system complexity, making software verification even harder. At the same time, IoT connectivity also increases the stakes, as missed bugs threaten not only the user experience, but also data quality and security. So it's vital to have a debugging strategy for dealing with error reports from deployed IoT devices.

Percepio DevAlert, combined with Cypress PSoC® 64 MCUs and powered by AWS IoT Core and Percepio Tracealyzer, provides a unique solution to this challenge: a cloud-connected "flight recorder" that leverages the inherent ability of IoT devices to "phone home" to report runtime errors as they occur. To provide important context, DevAlert messages include a

detailed visual trace of the software events leading up to the error – information that is often critical for reproducing, debugging and ultimately fixing the issue.

When deployed in production software and combined with over-the-air (OTA) update capability, DevAlert effectively provides a DevOps-style feedback loop for IoT device developers that allows them to ensure the quality of their products in the field by catching and fixing bugs, often before users become aware of any issues.

Register for the webinar here now to:

- Get an introduction and overview of Percepio DevAlert and Tracealyzer
- Watch a live demonstration of DevAlert and Tracealyzer using Cypress PSoC 64 and ModusToolbox
- Learn how to get started and devise your own strategy for dealing with bugs in deployed IoT products

About Percepio

Percepio is the leading provider of visual trace diagnostics for embedded and IoT software systems, during development and in the field. Percepio Tracealyzer, which can be viewed as a surveillance camera for embedded software, allows users to visually spot and analyze issues in software recordings during development and testing. Percepio DevAlert is a cloud service for deployed IoT devices combining automatic error reporting with visual trace diagnostics, powered by Tracealyzer. This provides a DevOps-style feedback loop from IoT device to developer, speeding up awareness and resolution of any remaining software issues during field testing or customer use.

Percepio collaborates with several leading vendors of operating systems for embedded software and is partnering with Cypress, an Infineon Technologies company, NXP, STMicroelectronics, Renesas, and Wind River. The company is also a member of the Amazon Web Services Partner Network. The company was founded in 2009 as a spin-off from applied research at Mälardalen University and is based in Västerås, Sweden. For more information, visit percepio.com.

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