# Evaluation Board Provides Fully Programmable Secure Internet Solution for M2M Applications

Connect One announced the IIEVB-PIC-2128-110/220 reference design and a corresponding evaluation board that bring together the 16-bit MCU for application control and the CO2128 iChip for secure, reliable TCP/IP connectivity to LAN and GPRS networks. Using the evaluation board, developers can quickly and easily develop an IP-enabled embedded system where the application resides on the PIC24 MCU and the networking and security are provided by the CO2128 iChip. Features include dual-core Internet secure architecture where all connectivity features are isolated from the application, providing a natural firewall, and a black-box solution where the application requests connectivity and security services from the iChip via the AT+i command set and production-ready IP networking and networking applications. The iChipSec CO2128 uses the AT+i API to offload WiFi drivers & security tasks, SSL security and networking protocols from the host application and also acts as a firewall-in-a-chip, protecting the application from networks attacks. Applications supported include LAN, WiFi and all types of dial-up/wireless modems. The CO2128 operates at an industrial temperature range of -40° to 85° C (-40° to 185° F) and is RoHS-compliant. Pricing starts at $149.

Connect One
408-572-5675, www.connectone.com [1]

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http://www.ecnmag.com/product-releases/2008/04/evaluation-board-provides-fully-programmable-secure-internet-solution-m2m-applications?qt-most_popular=0&qt-video_of_the_day=0

**Links:**
[1] http://www.connectone.com/