

Zerynth and Bridgetek announce partnership - graphics controllers for the Internet of Things



We are delighted to announce that we have entered into a **partnership with Bridgetek**, a leading global semiconductor company.

The main advantage of this partnership is Zerynth's support for Bridgetek's graphics processors - the BT81x family. IoT developers can now take advantage of the **powerful BT81x graphics controllers** and build complex and modern user interfaces in simple Python thanks to Zerynth.

Introducing the Zerynth BT81x libraries

Bridgetek BT81x series of Embedded Video Engines (EVE) utilizes an object-oriented methodology for creating hi-quality human-machine interfaces (HMIs). With support for display, audio, and touch, this new technology allows engineers to quickly and efficiently design HMIs and deliver robust solutions, hi-resolution displays with a lower bill of material costs.

The Zerynth library also supports the famous EVE displays from Riverdi, also our [partners](#). The newest generation of these displays, the EVE3 modules, offers a range of improvements and features suitable for the IoT.



The simplicity which the Zerynth toolset adds to this combination is another great advantage. Programming a display solution in a few lines on Python, that's something that hasn't been seen before.

You'll see what we mean by this, once we share future examples and tutorials with the Riverdi EVE3 display modules. Quick and easy how-to guides that will lead you through the whole process. So, stay tuned.

More about Zerynth and Bridgetek

[Zerynth](#) simplifies IoT development providing an easy and efficient way to program the most popular 32-bit microcontrollers in Python and connect them to the top Cloud infrastructures, with high-level standards of security. With headquarters in Pisa, Italy, and a global sales team, Zerynth is helping thousands of developers around the world to develop new IoT products and Industry 4.0 applications with reduced costs and improved time-to-market.

[Bridgetek](#) is a semiconductor company focused on providing high-performance microcontroller units, display IC products and developing innovative silicon solutions. They are renowned for their Human Machine Interface (HMI) display series of chips, namely Embedded Video Engine (EVE) graphics controllers. Their headquarters are located in Singapore.