MERCURY xPRESS PLATFORM

The first of its kind, ThingMagic Mercury xPRESS Platform includes hardware, software, and reference documentation to enable the rapid development of low-cost, high-performance application-specific RFID readers and embedded RFID solutions. By simplifying the integration of RFID into new and existing solutions, the Mercury xPRESS Platform results in unit cost savings, deployments with a stronger return on investment, and an overall positive bottom line impact.

With the platform, developers can bring up a fully functional RFID reader in minutes. Testing and proof of concept using sample applications from the software library can start almost immediately. Developers do not need to have significant RFID domain expertise. This means rapid integration of RFID with a wider variety of products and complementary wireless communication technologies.

Key components of the Mercury xPRESS Platform include:

- Hardware kit with microcontroller-based motherboard, including:
  - Integrated ThingMagic UHF RFID module (Micro, Micro-LTE, or M6e)
  - USB interface
  - Ports for up to 2 additional plug-in data transport interface modules
- MCU preloaded with sample keyboard wedge application
- An optional Bluetooth plug-in module
- Software toolkit and SDK
- Reference design files, including schematics, layout files, Gerber files, bill of material, component data sheets

The growth of RFID has been fueled by having a module that is small yet powerful enough to fit in readers and other. Now with ThingMagic Mercury xPRESS platform, developers can focus on designing the next generation of application specific readers, handhelds, mobile devices, and other solutions that bring innovation, automation, and process improvement to markets.