ENDIAN PROOF OF CONCEPT KIT
START YOUR DIGITAL TRANSFORMATION

Start collecting your data from your machines in just a few weeks
Are you ready for the Digital Transformation?

The IoT digital transformation is underway and we believe the Endian Connect & Analyze Platform is a key component to a successful transformation. We also know that this process can be part of a large and long-running project. So we’ve created a quick and easy solution to help jumpstart your IoT digitalization projects with our PoC (Proof of Concept) program.

Endian PoC Platform

The Endian PoC platform makes it easy to (a) collect and (b) analyze your IoT data from your field devices. The majority of the platform is securely hosted by Endian in our safe, secure, reliable cloud infrastructure. On your side, all you need to do is plug in and connect one of our client machines and devices to securely “translate” your IoT data from the field to our analyze platform where you can monitor and build visualizations (dashboards) for that data in real-time. We support a wide variety of IoT protocols including OPC UA, Modbus, Siemens S7 and more. We can also custom implement almost any protocol as well.

Select Device Type | Why Choose This?
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4i Edge 515 (Hardware) | • Packaged hardware ready “out-of-the-box”  
• Offers integrated I/O ports (Serial, USB, DI/DO)  
• Optionally can include 3G/4G connectivity (for evaluation)  
• Faster setup and deployment (plug and connect)
Virtual Appliance | • Available through immediate download  
• Leverage existing virtual infrastructure (if available)  
• Rapid prototyping available on any desktop/laptop platform  
• No external hardware required in most cases
How It Works

It’s extremely simple and for most customers can be done in a just a few weeks. The best part is we do almost all of the work so you just need to get your IoT connected and we do the rest, what could be better.

1. Define PoC
We’ll work with you to define the parameters of your project based on your goals and requirements. Together we’ll define which machine or device should be connected, how the network will be configured, which data should be collected and how to design your dashboard.

2. Setup & Test
Next we will setup your private test account and send your pre-configured test device(s) to connect to your IoT. In addition we will help do any post-installation configuration to get your IoT data securely collected and build your first dashboard. From here you can easily build custom dashboards and test our platform.

3. Next Steps
Once you’re done evaluating the PoC, we will work with you on a taking the next steps to move forward with the Connect & Analyze platform to figure out the perfect solution for your customers and your business. Together we’ll plan how to build a scalable solution and implement a roll out strategy.

Benefits of PoC

A typical digital transformation project can be daunting in terms of size and scope and it can be hard to know where to even begin. You have hundreds of questions and limited resources in terms of people and money to evaluate your potential options. We believe our PoC process can be extremely valuable to answer many of your questions while helping you to determine the path of your project and even find new potential opportunities. Here are just a few of benefits of our PoC program:

- Use a minimal investment to justify your overall IoT project and understand the value of digitalization
- Collect and analyze machine or device data in your environment with your team
- Zero setup and infrastructure changes required, we do the work
- Play around with your data and build your own dashboards to visualize information in new ways
- See immediate results in terms of potential project and business impact
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<tr>
<th>successfully used by</th>
<th>challenge</th>
<th>why endian</th>
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<tr>
<td><strong>LIEBHERR</strong></td>
<td>Provide secure remote access to construction and production machinery.</td>
<td>Granular user- and group-level permission management in Endian Connect Switchboard.</td>
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<td><strong>CATERPILLAR®</strong></td>
<td>Run remote diagnostics and deliver software updates to gas engines for distributed power generation.</td>
<td>Endian 4i box installed directly into the endpoint to enable remote servicing and maintenance. Endian Connect Switchboard for granular management of access privileges.</td>
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<td><strong>Werfen</strong></td>
<td>Connect diagnostic equipment located in hospitals and laboratories to unsecure LAN segments for remote monitoring and predictive maintenance.</td>
<td>Attach 4i Edge to every machine to get plug-and-protect security deployed with zero training for field service personnel. Remote management and central monitoring via Endian Connect Switchboard.</td>
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**References**

Founded in Appiano, Italy in 2003 by a team of experienced network specialists and security enthusiasts. Endian’s goal is clear: Develop the world’s most powerful and easy-to-use Open Source Unified Threat Management system. With over 2.2 million users of the Community Edition and 50,000 installations of the professional product in over 50 countries, Endian continues to deliver on its mission!