![OpenLegacy — Digital to the Core]

OpenLegacy helps Caterpillar distributor Zoko analyze repair technician efficiency

OpenLegacy creates APIs to connect IoT technology to AS/400 in just three weeks

| Automotive | IoT | IBMi | APIs | Green Screen | Repair Monitoring |

Zoko Industrial Technologies Ltd. is the Israeli leader in importing, marketing and selling equipment and spare parts. It also provides advanced services in infrastructure, transport, energy, water, and automotive industries. It collaborates with the world's top industrial brands and is the sole representative in Israel of Caterpillar Inc., the construction machinery and equipment company, providing sales, parts, and repairs.

The Challenge

Compare standardized data to activity on the shop floor

Caterpillar International wanted to empower its local distributor, Zoko, to better monitor the time its employees take to repair equipment. This way, repairs can be done consistently, efficiently and in an appropriate time frame. Caterpillar knows that if a repair is done too quickly or takes longer than normal, it may point to a repair issue. The goal was to monitor efficiency, enhance quality control, and improve productivity. To achieve this, Caterpillar gave Zoko access to the source code and data from its ERP system, located on an IBMi platform.

Zoko didn't want to require its technicians to repeatedly log in to the on-premises system and enter their details, so they provided them with a time tracking-focused IoT device. The device collected the data, tracking their usage as they worked. However, the company had no way of connecting the device to their on-premises system.

The Solution

Build APIs to connect the IoT device to the IBMi system

OpenLegacy enables the delivery of new digital services using legacy systems in a fraction of the time and effort needed previously. By connecting directly to core systems, automatically generating legacy-specific APIs, and deploying on-premises or in the cloud, OpenLegacy enabled Zoko to connect the IoT device to its legacy system. They did not have to rewrite existing legacy code nor use mainframe developer time or resources.

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> *With OpenLegacy, we achieved connectivity quickly without significant investment.*
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> **CIO, Zoko Industrial Technologies**

The Result

In just three weeks, OpenLegacy built APIs to connect the IoT device directly to the IBMi system. This resulted in:

Increased productivity

Rapid data analysis allows the managers to quickly give feedback to the technicians on the floor about any variations in normally accepted repair times for specific tasks.

Reduced risk

Easy access to information on technicians' efficiency enables management to effectively troubleshoot potential problems and improve quality control.
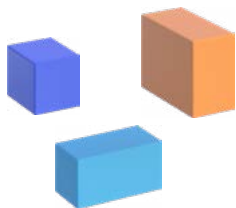
Maintained schedule

The project easily fit into Zoko's timeframe for building a solution quickly and within budget.

New business from a happy customer

Zoko has approached OpenLegacy to assist with building APIs to connect its CRM system to its IBMi infrastructure.

About OpenLegacy

OpenLegacy's Digital-Driven Integration enables organizations with legacy systems to release new digital services faster and easier than ever before. Connecting directly to even the most complex core systems, OpenLegacy automatically generates the digital-ready components needed to integrate legacy assets into exciting new innovations. With OpenLegacy, industry-leading companies release new apps, features, and updates while spending a fraction of the time and resources, so they quickly and easily become digital to the core.

OpenLegacy