iTiZZiMO CASE STUDY — BÜHLER

Benefits of the Simplifier Platform Included:

- **10% reduced error rate**
- **50% reduced incorrect materials**
- **8% faster production**
- **40% faster transmission of production data**
- **Implementation of new IoT technologies such as tablets and smart wearables**
- **Create, manage & deploy enterprise apps on a central platform**

ABOUT THE CUSTOMER

Switzerland-based Buehler Holding AG is a diversified technology group specializing in the manufacture of plant equipment and related solutions for processing foods such as flour, pasta and chocolate as well as for the production of advanced materials.

Buehler operates in over 140 countries with more than 10,000 employees and generated sales revenue of $2.45 billion in 2016.

THE CHALLENGE

As a 150-year-old diverse manufacturing and engineering company, Buehler has enjoyed a long history of success manufacturing machines. However, as the rest of the manufacturing world opened its gates to the Internet of Things, the company realized that it, too, needed to gain greater process efficiency while moving away from pen-and-paper based practices. As part of this, it needed the ability to generate interconnected applications that integrate with and update its backend systems. Knowing such a digital strategy was a mammoth task, Buehler sought a solution partner that would allow it to build applications easily and create more modern efficiencies in its business quickly.

THE SOLUTION

Simplifier was used to create new, interconnected business applications that increase efficiency in existing production processes - all with little to no coding.

Created five interconnected applications:

WAREHOUSE
Picking with component recognition to eliminate errors

QUALITY CONTROL
Prevent defects with digitalization

INCIDENT MANAGEMENT
Report and overview of incidents

PRODUCTION
Step-by-Step wizards to guide users through complex processes

TRANSPORT
Real-time tracking and localization of picking carts with beacon technology

THE RESULT

What normally would be a project that would take several months or years to implement, Buehler was able to do in just weeks with Simplifier. Using the platform, all of the company's processes—including warehouse, quality control, incident management, production and transport—were connected. With new, integrated systems and a holistic overview of every piece of its operations, Buehler was empowered with greater efficiencies, better decision-making and the ability to focus more on what really matters: getting quality products out to its customers in a timely manner.

"Simplifier was integral in allowing us to bring together all aspects of our business across the enterprise. We can now utilize modern digital solutions in almost every department, creating added value for the whole company."

—Andreas Schaellebaum, Head Industrial Engineering at Buehler.

VIDEO: https://www.simplifier.io/en/applications/industrial-internet-of-things-buehler-case/

CLIENT WEBSITE: http://www.buhlergroup.com