



Unleash your industrial power

CASE STUDY
ELECTRONICS INDUSTRY

Wire Crimping Machine for Electrical Cables

As new manually operated crimping machines were being commissioned, our client set out to pinpoint and measure all sources of performance loss. **Unlocking the full potential of the available tools and defining nominal speed standards were both urgent and critical.** Months of operation and internal improvement efforts had not yet produced satisfactory results. The goal remained out of reach due to unreliable data collection and a shortage of internal resources to properly process the performance information.

Key Challenges

01. Accurately measure and assess performance losses with reliable data
02. Fine-tune production rates when their ideal values aren't yet determined
03. Eliminate paper tracking and overcome resource limitations when handling performance data

Implementation and Impact

Set up in just an hour, the PerfTrak system made it possible to automatically and **accurately** capture the needed data. By automating the collection and processing of this information, we were able to overcome the lack of human resources typically needed for this time-consuming, low-value task.

Data could be leveraged with precision thanks to **more reliable collection of downtime events**, standardized reporting of loss types, and greater operator engagement with the data collection tool. A single afternoon training session enabled teams to become fully self-sufficient in using, configuring, and maintaining the solution over time.

On top of that, with Big Data, it was easy to **track the machines' average speeds and how they changed over time**. After taking action based on this data, the plant **achieved a 29% increase in hourly output per unit** when comparing the four-month periods before and after installing PerfTrak.

The bonus: Switching from paper forms to tablets, along with better workstation ergonomics (screens at eye level and within easy reach), gave operators a more comfortable experience and helped reduce the time needed to log stoppages.



RETURN ON INVESTMENT <1 YEAR

"After installing PerfTrak on just one machine, we saw a 29% boost in hourly production volume. That's an increase of over €19,000 in annual revenue for this workstation."

C.M. Ropiot, Production & Maintenance Manager, Filec (Amphenol Group)

Our Trusted Partners

Our solutions are used in nearly 150 factories, from small and medium-sized businesses to major corporations across a range of industries.



Awards & Honors



Operational Excellence Award
Bearing Point IoT
Business Hub 2019



Focus by Usine IO - Station F
Selected for the
acceleration program in
2018 & 2019



Best Practices in Mechanics
by PSA GROUP
since 2017



Powered by Paris Region
by the Île-de-France region
since 2020



Recognized as an innovative company
by FRENCH FAB
since 2019



Labeled Solution Provider
by the industry alliance
for the future since 2019



Medef-Siparex Digital Transformation Award
with Eolane
in 2019