

WE ARE THE MANUFACTURING AUTOMATION CLOUD

DO YOU KNOW?



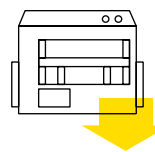
- + Are all your machines **currently** working as planned?
- + Where are your **bottlenecks**?
- + Is the night shift as **efficient** as the morning one?
- + What should you change to improve **lead times**?

THE REALITY

- + **Only 8%** of machines worldwide are connected to a network
- + Difficult to connect all machines to a single dashboard: old machines, different vendors, no sensors, different controllers.



THE IMPACT

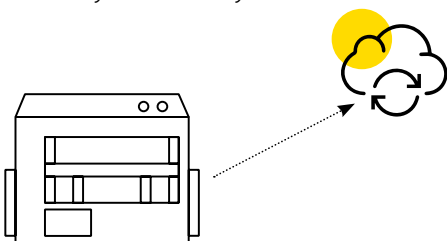


Machines are underutilized with an average OEE of

40%-60%

REALIZE YOUR INDUSTRIAL POTENTIAL

we can bring your machines online and provide **100% data visibility** across your factory



3d Signals is solving **industry problems** and significantly improving **business objectives**



POTENTIAL MADE REAL

The 3d Signals solution accelerates digital transformation and enables visibility into production floors. Using non-invasive sensors and a cloud-based asset performance monitoring platform, this solution generates powerful insights for more than 30% increased productivity, and reduced labor and energy costs.



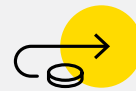
Fast

We can digitalize an entire production site in a matter of **days**



Full Coverage

We monitor any **type** of machine, from any **vendor**, at any **age**



ROI

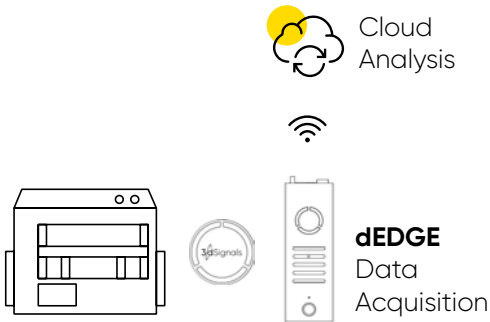
Our solution provides substantial improvement and return of investment from day **one**

IF WE DIGITALIZED THESE MACHINES, WE CAN DIGITALIZE ANY MACHINE

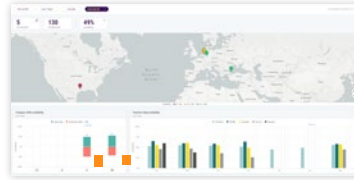


WELCOME TO THE DIGITAL ERA

In a few hours Digitalization



From day one Business Intelligence



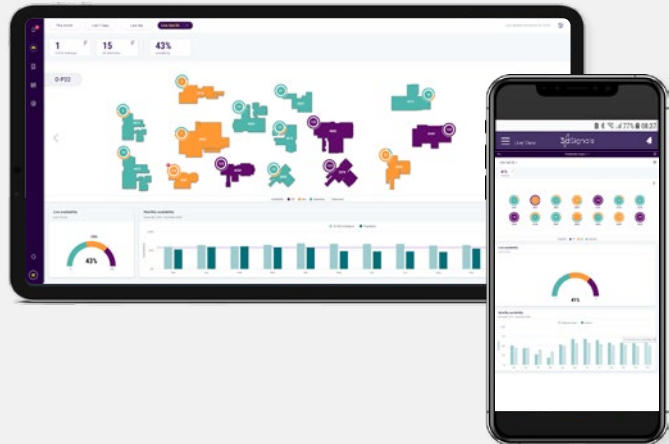
dVIEW
Asset Performance
Monitoring software

Within 2-3 months Proven Productivity Improvement



✓ Full Transparency

Real-time performance status per factory, floor & machine



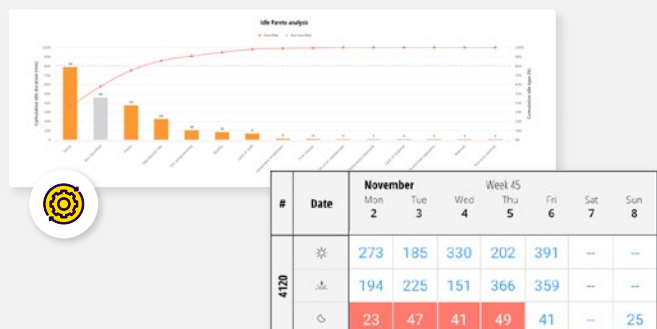
✓ Reports & Alerts

Business intelligence and actionable insights on all levels - from a single machine to global operations



✓ Optimization

Comparison of actual production vs. plan, with back-reporting and optimization tools



ROTHENBERGER GROUP INCREASE FACTORY TURNOVER WITHIN €4M

ROTHENBERGER Group was able to secure an unplanned €4M PO during Q4/2020 due to the increased capacity that followed digitalization



ROTHENBERGER

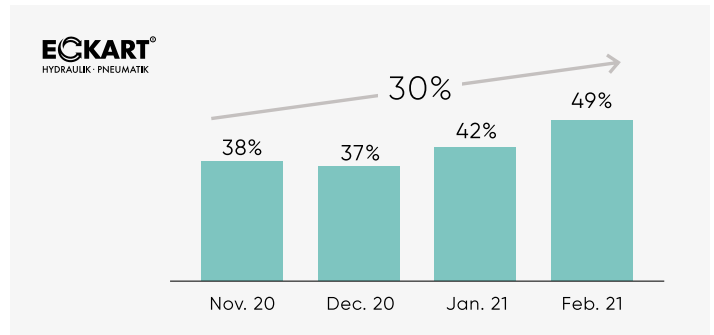
"The enhanced visibility and productivity enabled by the 3d Signals digitalization solution allowed us to proceed with an unplanned €4M PO during Q4/2020, which would not have been possible otherwise."

Thomas Bamberger, Director Global Operations

ECKART HYDRAULIK INCREASE MACHINE AVAILABILITY BY 30%

Eckart hydraulics increased productivity by 30% within 4 months of installation. Productivity increased, across all weekdays, shifts, and production areas.

Discrepancies in availability between the Eckart's two production areas were eliminated, gaining an all-time high of 48%-49% availability.

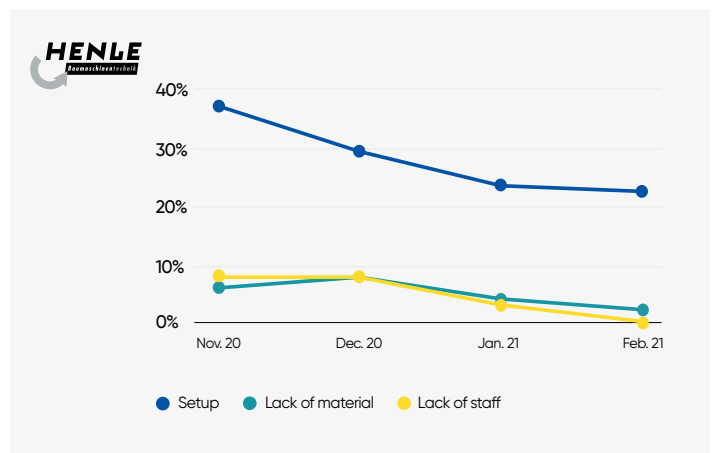


HENLE BAUMASCHINENTECHNIK INCREASE PRODUCTIVITY BY CLASSIFYING IDLES

HENLE significantly reduced manufacturing bottlenecks by classifying the non-value-added idle times:

Setup time reduced by **41%**
 lack of material reduced by **67%**
 and lack of staff reduced by **100%**
totalling to 0 idles.

The result: 10% productivity increase, with no heavy investment



SAMSON AG REDUCE €700K/YEAR MANPOWER COST

 **€700K/Year**
Manpower Cost Reduction

Real-time monitoring improved the efficiency of the morning and afternoon shifts.

The night shift, carried on by temporary, less experienced, and more expensive employees, was eliminated.



ABOUT US



3dsignals.com
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Founded **October 2015** ; Pivoted in **June 2018** | **\$28M Raised** to date | **3 awarded/pending patents**

Our investors:



Top 100 Europe
Award winner



2020 Technology
Pioneers



Members of the
Open Industry 4.0 Alliance

