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.

IF YOU CAN MEASURE IT, YOU CAN IMPROVE IT

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**
  - Cloud Analysis
  - dEDGE: Data Acquisition

- From day one: **Business Intelligence**
  - dVIEW: Asset Performance Monitoring software

- Within 2–3 months: **Proven Productivity Improvement**

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**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.

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%
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

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

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

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