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.

**DIGITALIZATION, PLUG & PLAY**

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**THE VISION**
Gradual Transition to Industry 4.0

**Digitalization** ➔ **Business Intelligence** ➔ **Artificial Intelligence** ➔ Industry 4.0

- **Digitalization**
  - Computerization
  - Connectivity

- **Business Intelligence**
  - Visualization
  - Analysis

- **Artificial Intelligence**
  - Predictive maintenance
  - Self-optimization

**THE REALITY**

- **Only 8%** out of 64M machines worldwide are network connected.
- Average factory overall equipment effectiveness (OEE) is **60%**.
- Cost of unplanned manufacturing downtime is **$56B/Year**.

**DIGITALIZATION, PLUG & PLAY**

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.

- **Hassle Free**
  - We do everything, from connecting the machines, to providing actionable insights.

- **Fast Insights**
  - Machine digitalization in less than an hour. Real time performance data from day 1.

- **Interoperability**
  - Our solution is machine agnostic and provides one dashboard for all assets.

- **Accuracy**
  - Our solution was proven to be more accurate than machine’s 24V controllers.

- **Security**
  - No digital connectivity with machine controllers for maximum cyber security.

- **Growing Value**
  - Supporting your growing needs, adding new software capabilities on existing hardware.

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1 Kaleem, S (May 2018) Global Business Development, Cisco Systems  
2 LeanProduction: [www.leanproduction.com/oee.html](http://www.leanproduction.com/oee.html)  
3 Seebo Blog
The Hardware dEDGE
A data acquisition platform that collects data from a wide range of inputs including acoustic, vibration and current sensors. Data is uploaded to the cloud 24/7 for visualization and analysis.

"Proven to improve asset productivity by >30% in 3 months"

The system is quick and easy to install, and provides valuable information to the teams on the shop floor. Through better visualization & utilization we have been able to significantly reduce our operating costs.”

Dr. Andreas Widl, CEO, SAMSON AG

The Software dVIEW

Public view
real-time performance status

Live view
current and historic availability status (per floor & per machine)

Customizable Reports & Alerts
for business intelligence and actionable insights