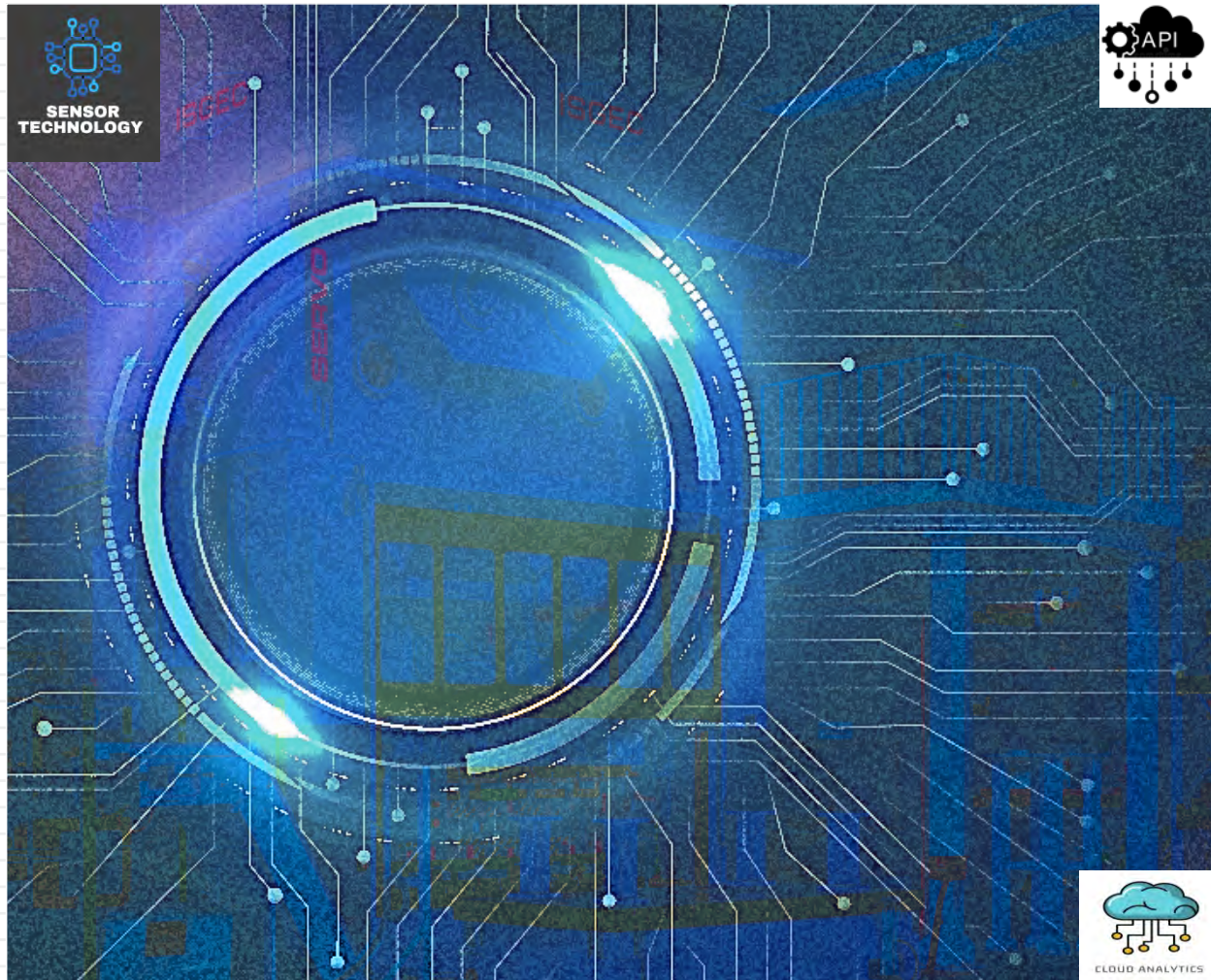


ISGEC REACH 4.0

Remote Enabled Access & Cloud Hub

Smooth Operation, Smart Solution, Extended Reach



Productivity Analysis

Health Prediction

Process Monitoring

Breakdown Analysis

Standardized Reporting

Global Service Solution

Telemetry Data

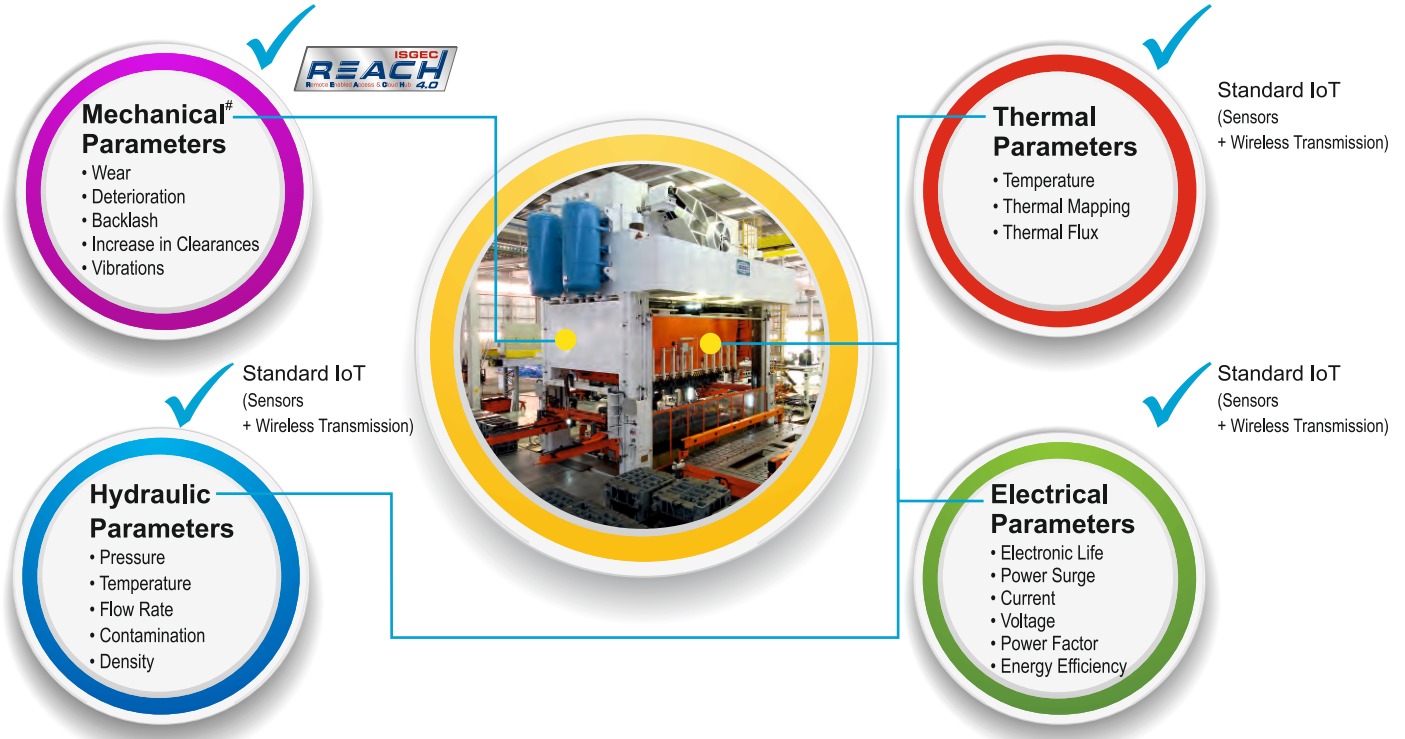
Quantum Improvement in Quality, Productivity & Maintainability

Easy Access to Historical Data for Performance & Productivity Analysis • High Machine Uptime • Real Time Monitoring
Process Monitoring for better Quality • Pre-failure Detection • Data Security & Easy Transferability

Why Isgtec REACH for your Presses & Press Lines?

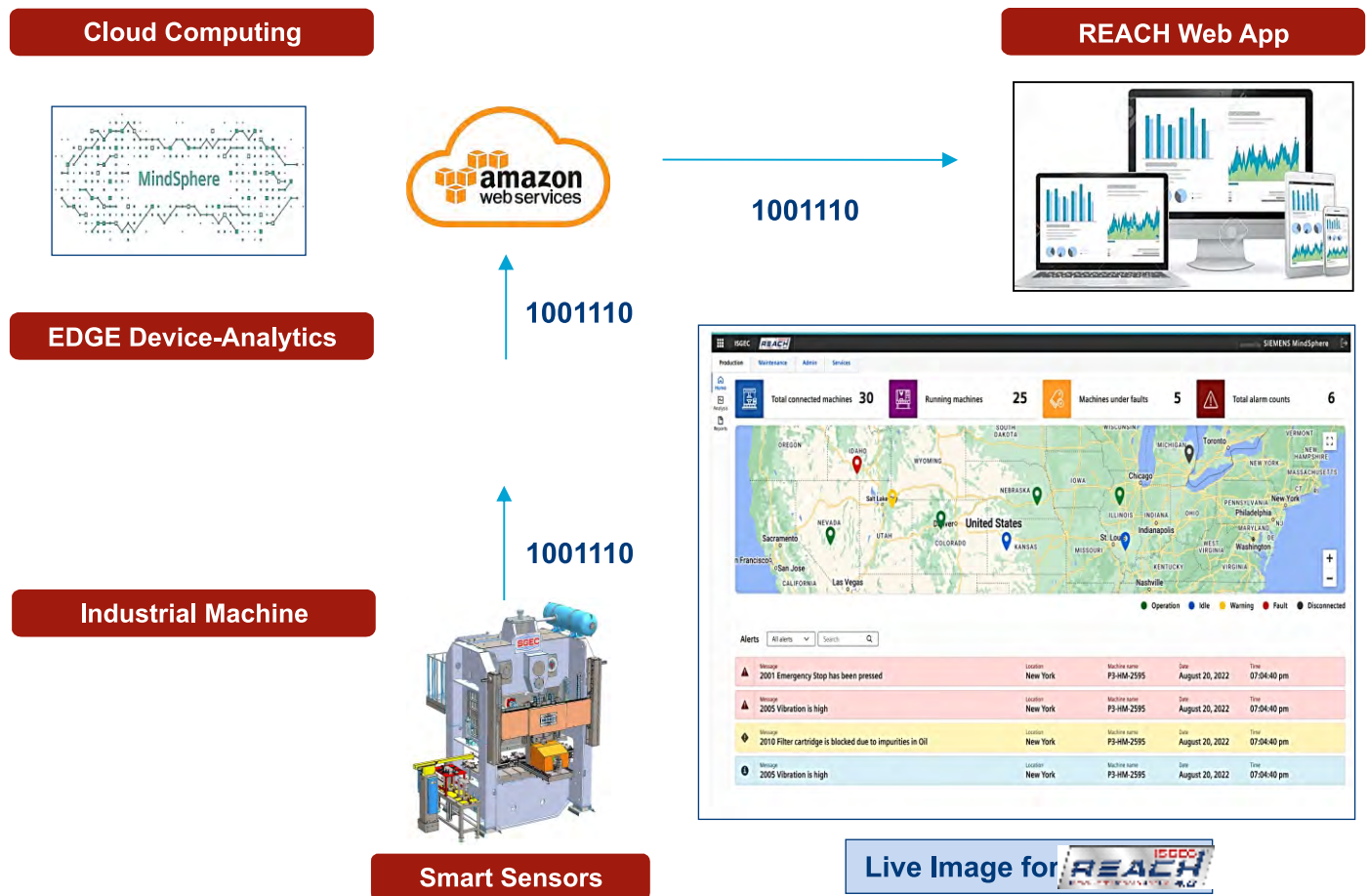
REACH ensures efficient and timely monitoring of all Mechanical Parameters.

Very high frequency data • Difficult to decipher signal from noise • Bandwidth Limitations • Storage Limitations • Standard IoT does not work

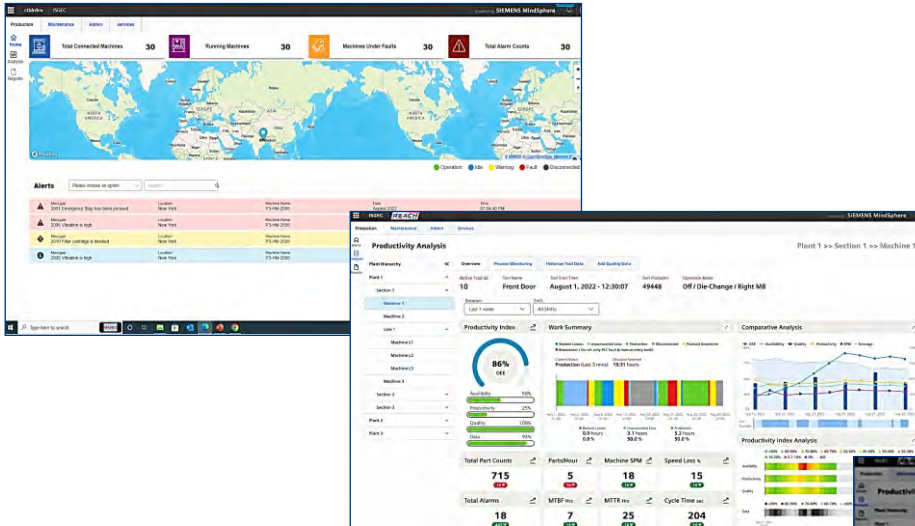


Optional

REACH Smart Connected Platform



Productivity Analysis Dashboard

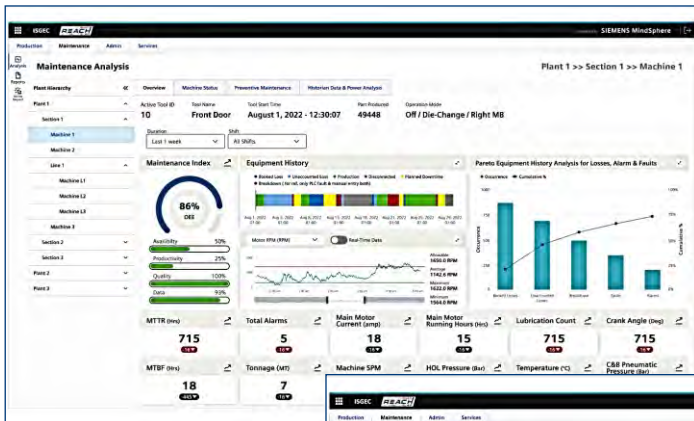


KPIs @ Plant, Line & Machine Level

- Production Planning
- OEE
- Availability
- Productivity
- Quality
- Part Counts
- Real Time Analysis - Active Tool

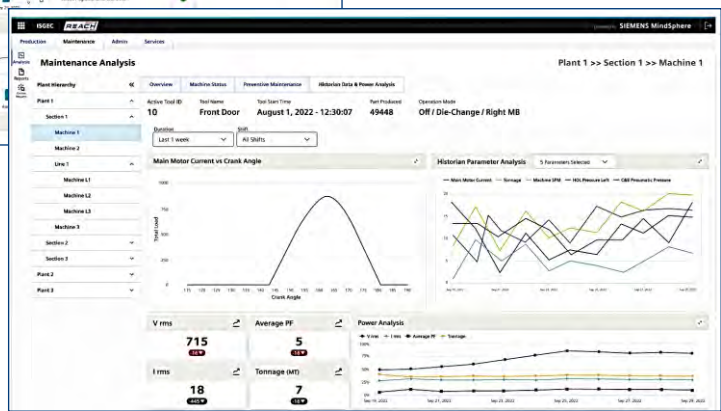
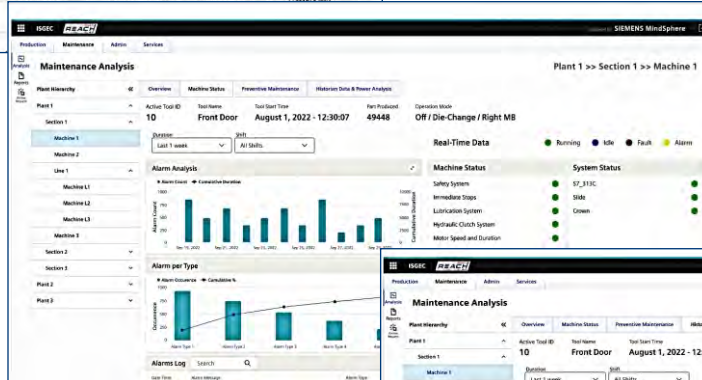


Pattern Recognition Using AI[#]



Maintenance Parameters

- MTTR
- MTBF
- Telemetry Data Trend
- Pareto Analysis
- Tool Signatures
- Input Power Monitoring
- Live Status
- Preventive Maintenance Scheduling
- E Library
- Service Support



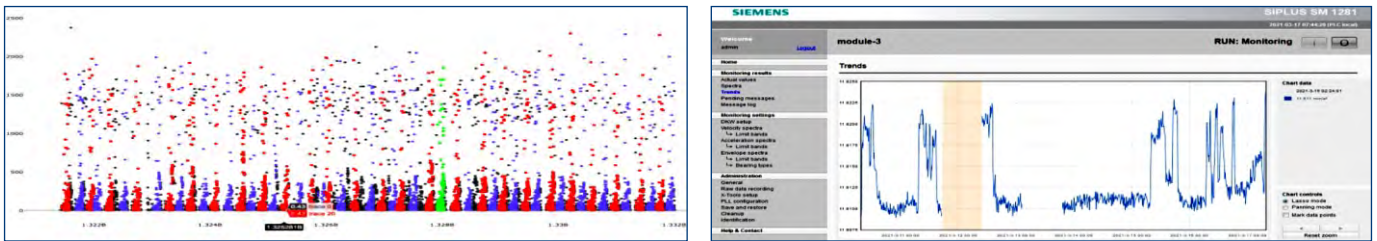
Process Parameter Control Dashboard & Customized Reports

Process Parameters

- Part Rejection Trend Analysis
- Part Process Parameter
- Repetitive Production Quality
- Standard Report
- Customizable Data-Storage

Vibration Analysis - AI based Vibration Signature Analysis

Predicting the failure of critical items through vibration analysis. FFT (Fast Fourier Transform) of velocity and acceleration in X, Y, Z directions.



* Customized Solution available for existing Installation.

Wide Range of Presses

Servo Presses • Transfer Presses • Progressive Presses • High Speed Presses • Hot Stamping & Hot Forming Hydraulic Presses
 Standard Straight Sided Mechanical & Hydraulic Presses • Blanking Lines • Tandem Press Lines - Mechanical & Hydraulic
 Cold Forging Presses • Tryout & Die Spotting Presses • Gap Frame & Ring Frame Power Presses • Special Purpose Presses



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