# IQvizyon
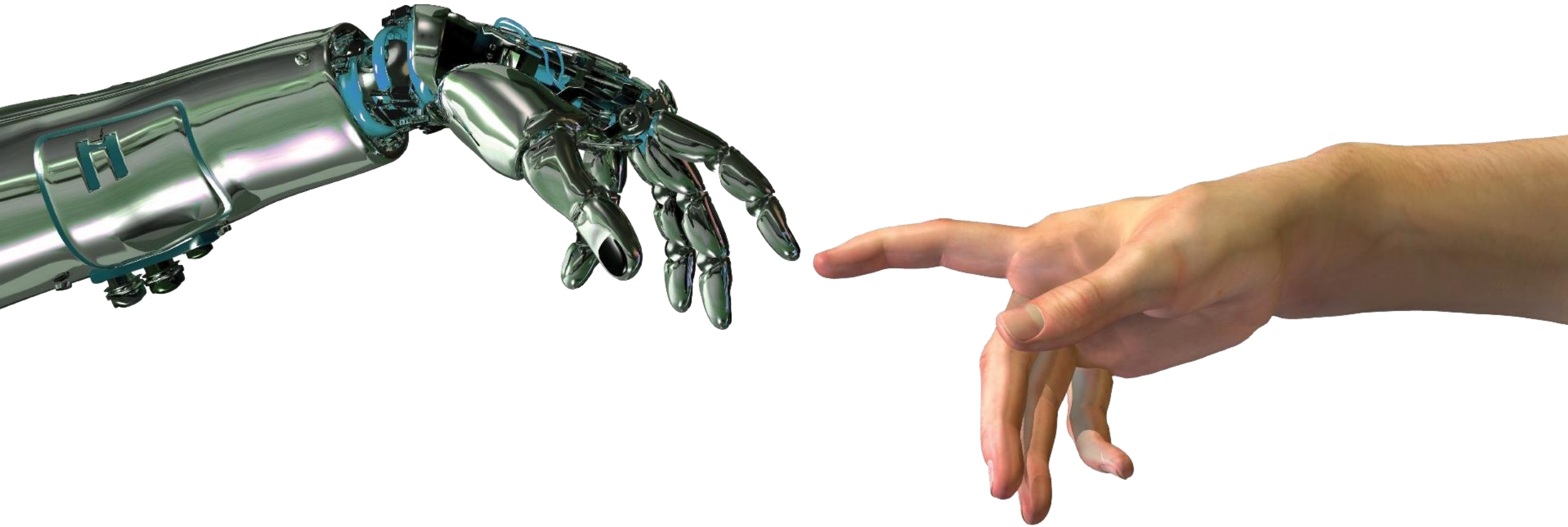morefuture

DIGITAL TRANSFORMATION IN INDUSTRY

IQVİZYON, an integrated virtual data processing factory based on software and hardware;

Being traceable throughout the production process of a product helps to collect, analyze and continuously improve all its data.

In production processes in factories; It enables instant data collected from machinery, equipment and employees to be monitored instantly from anywhere in the world with internet access, measured with ready-made analyzes and evaluated with reports.

in f 🐦 📷 / iqvizyon

Center

İstanbul
Marmara Teknopark

Representations

Ankara
Ostim

Stuttgart

Strasbourg

/ iqvizyon

It is Now Possible to **Follow Your Factory Instantly from Anywhere in the World**

**%30**
**Saving target**

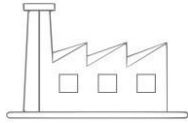# Technologies We Use in Industry 4.0

# Software Solutions

### Production Tracking

OEE

Planning and Digital Footprint Tracking

Cloud Option

Mobile Compatibility

### Machine Monitoring

Condition Monitoring / IIoT

Productivity Reports
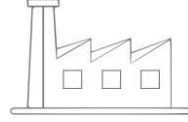
Preventive Maintenance
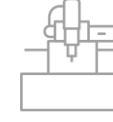
### Integration

ERP Integration

WMS Integration

BPM Integration

/ iqvizyon

# Software Solutions

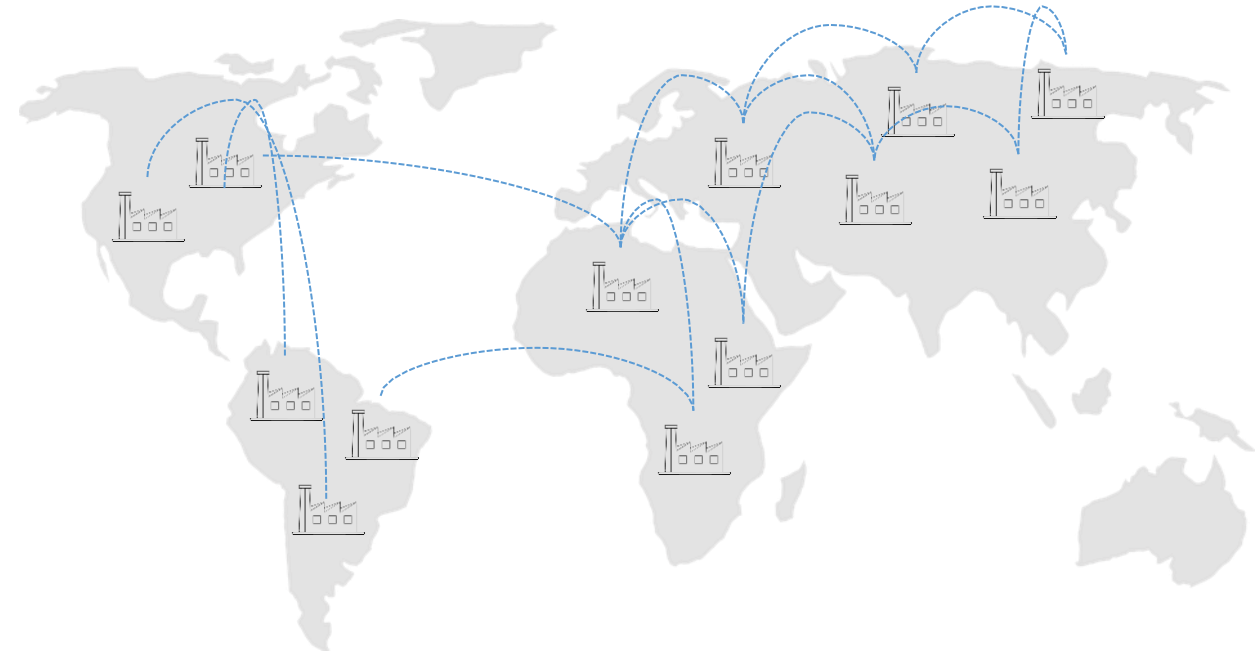### Production Tracking

### Machine Monitoring

IQV Arena

/ iqvizyon

# OT-IT Integration

We provide INSTANT MONITORING of all processes taking place in the production field and REMOTE MONITORING WITH DETAILED REPORTS.

/ iqvizyon

# Industrial IoT Solutions

You can follow your facility instantly and reduce your production costs with industrial data collection equipment compatible with all your machines in your production area.
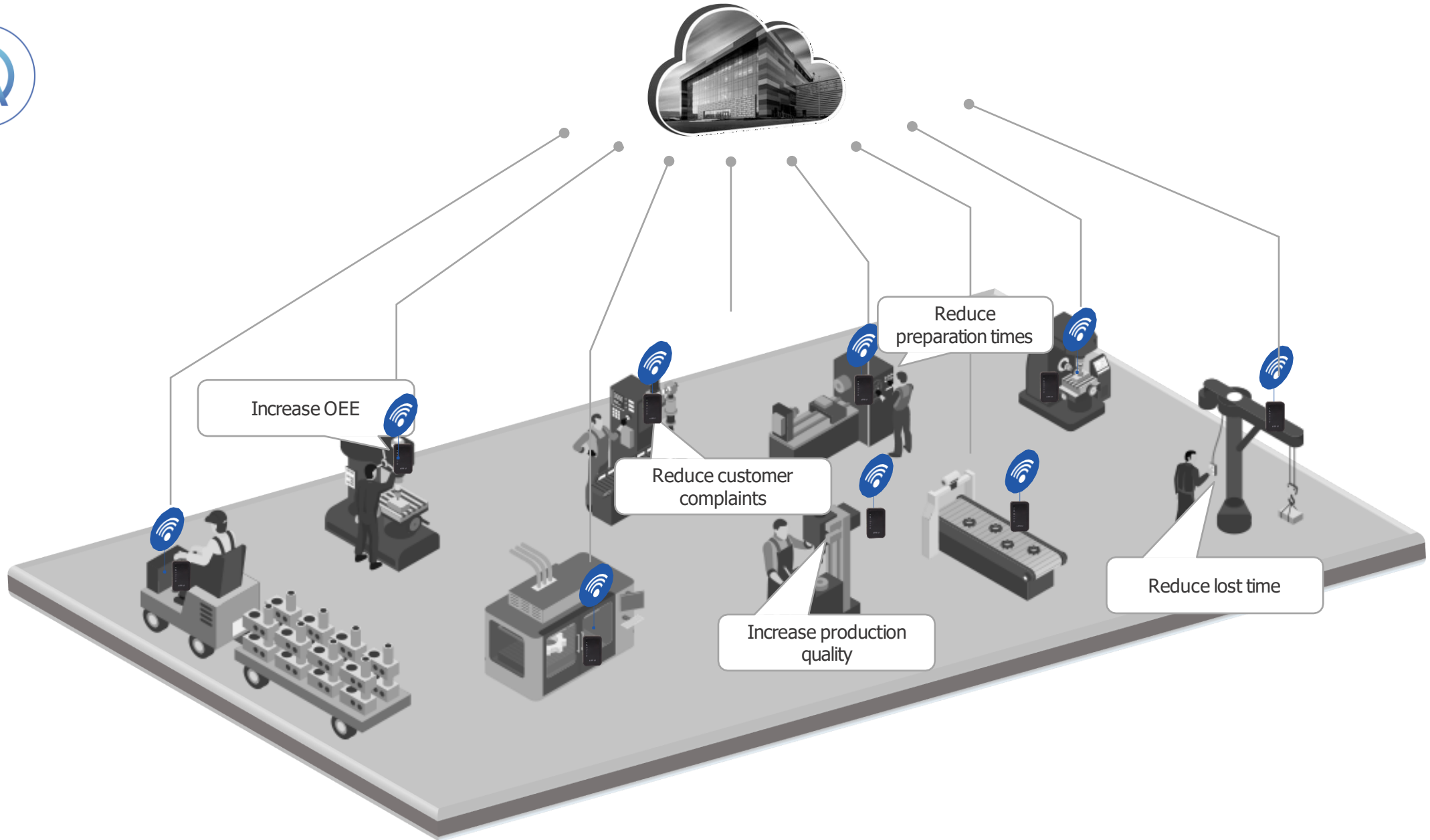
✓ Real-time production data

✓ Health data of your machines

✓ Secure wireless data transmission

✓ Compatible with all types of machines



🔊 Sound   〰 Vibration   🌡 Temperature   〰 Humidity   ⚡ Energy   📍 Signal Tower   ◎ Pressure   📶 Data Transmission   ▦ PLC Integration

**PLC Integration**
They provide necessary data exchange by connecting to control sub-units, operating units, field devices and instruments of the working area. These units (PLC or RTU) are also integrated into the engine control center by connecting to electronic and electrical locking, protection, and similar equipment. The programmable control units transmit the accumulated information and data to the SCADA system while providing logic and control audit in accordance with the software program in order to fulfill its operational functions.

in f 🐦 📷 / iqvizyon

Increase OEE

Reduce preparation times

Reduce customer complaints

Increase production quality

Reduce lost time

# Production Site Solutions



CNC



NC



Hydraulic press, Brake
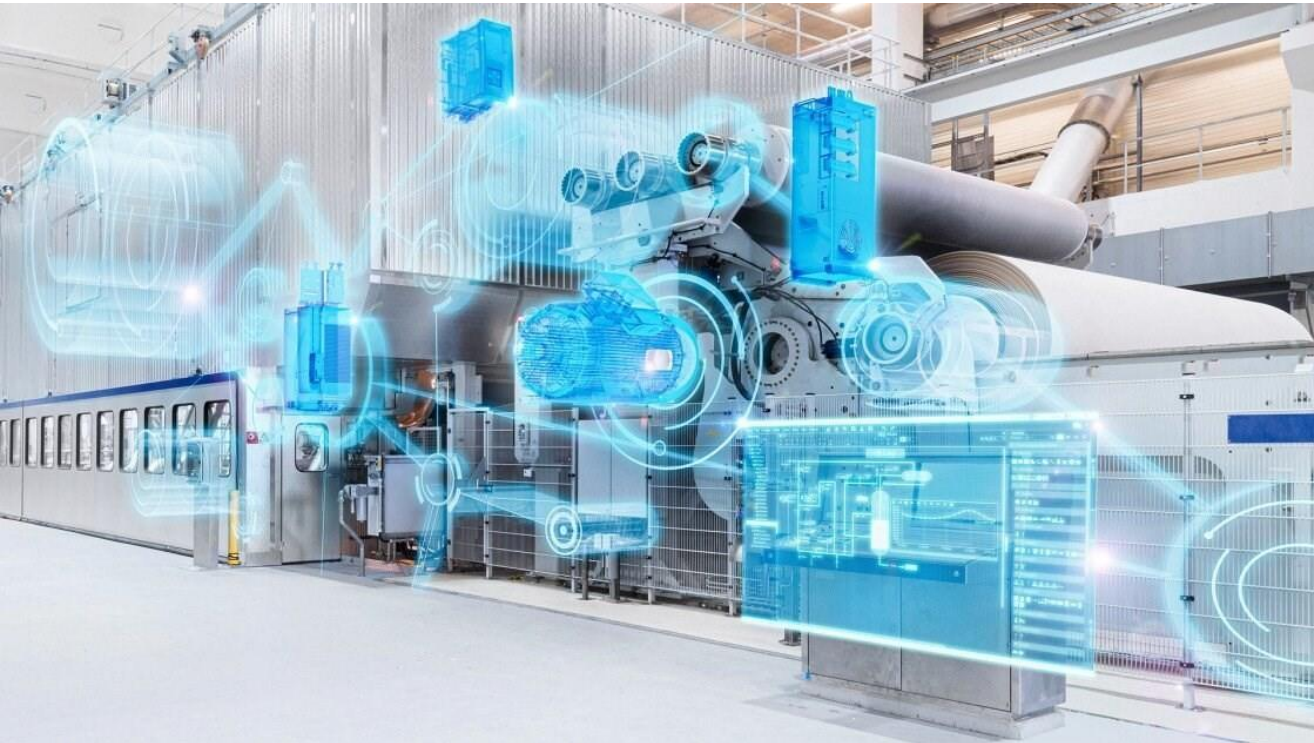


Compressor



Milling



Lathe



Crane



Robot and Cobot

/ iqvizyon

# Remote Condition Monitoring



Condition monitoring (CM) is the process of monitoring a particular condition in machinery (such as vibration, temperature, etc) to identify changes that could indicate a developing fault. It is a major part of <u>predictive maintenance</u> as implementing condition monitoring allows for maintenance to be scheduled and preventive actions taken to prevent further failure and subsequent unplanned downtime.

# Remote Condition Monitoring - software solution screens

All data can be monitored instantly and reported in the past.

Chart types can be customized with many options included in the software.

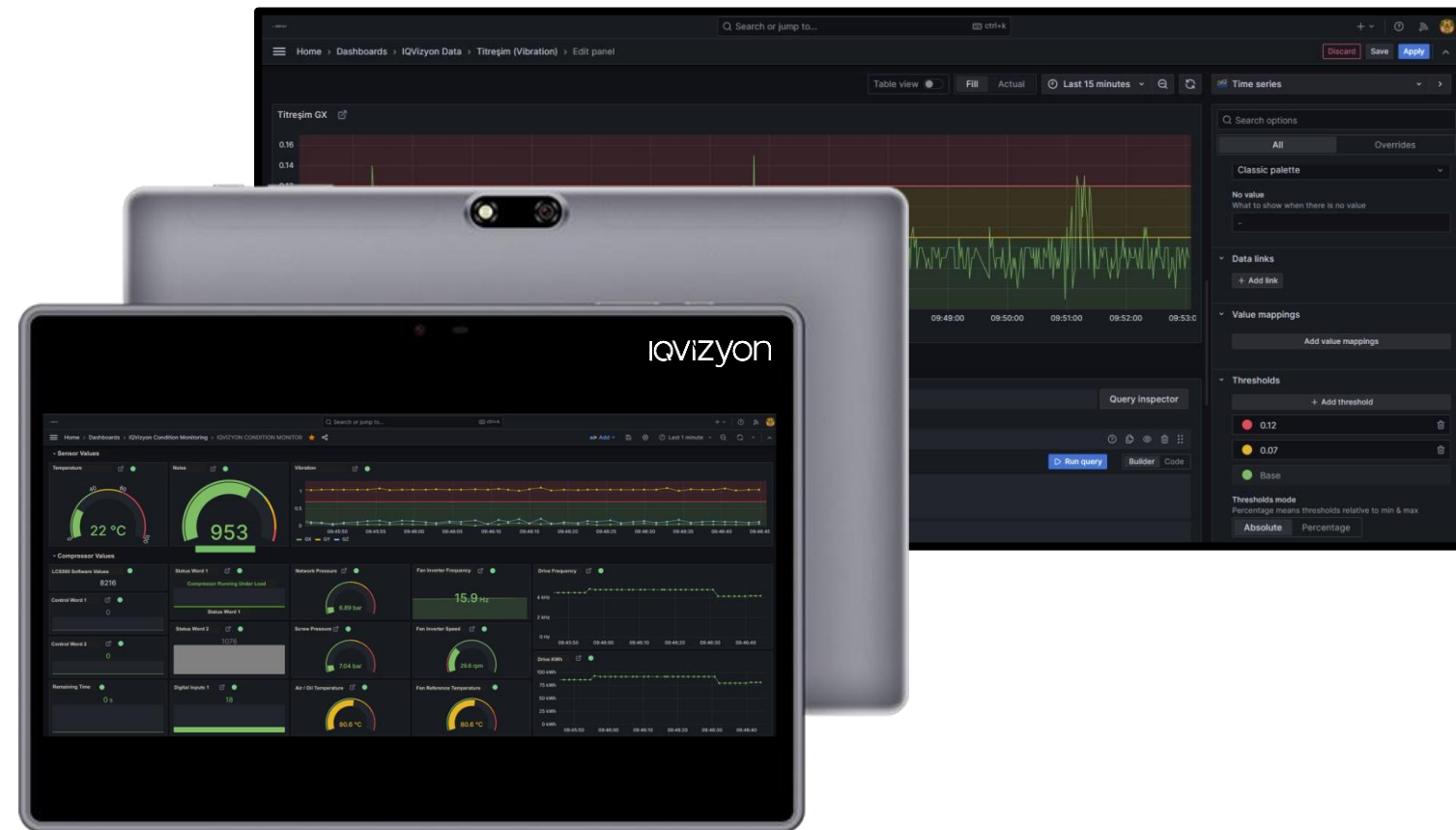The screen management and data display model is dynamic, not static.

# Remote Condition Monitoring - software solution screens

Data is collected every second and processed in a large database to make sense of it.
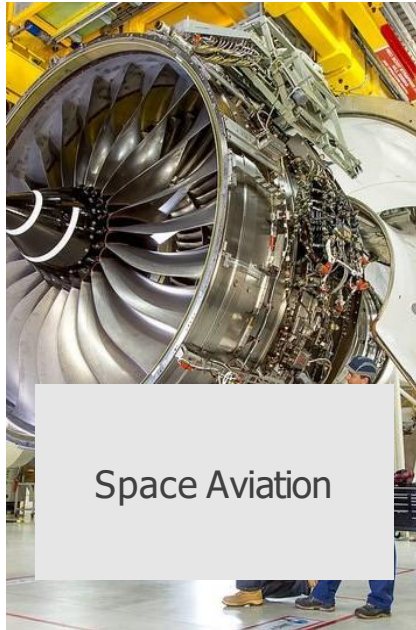
Alarm and warning notifications can be created by determining the critical threshold level value for each type of data.

Notifications can be sent via e-mail, SMS or other messaging platforms that can communicate over the internet.

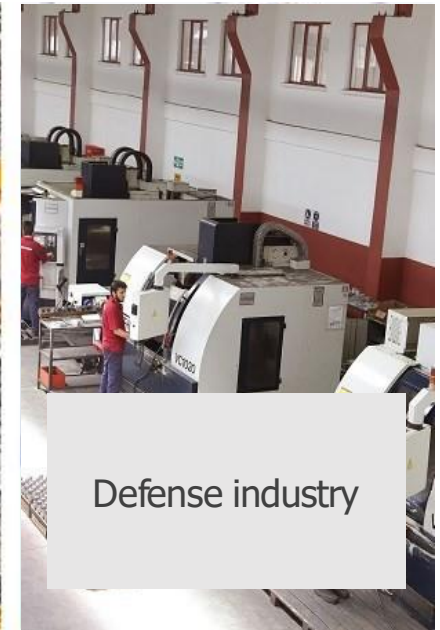/ iqvizyon

# Industry Expertise

| Space Aviation | Machinery Manufacturing | Machining | Automotive | Defense industry |

# Reference Examples

*Sector: Metal processing, Machining*

**%30**

With instant tracking management

Productivity increase

**%10**

With the increase in OEE

Project/Order Increase

**%20**

With planned and actual menstrual tracking

Wastage precaution

**+9K**

Annually, with additional capacity usage

Machine usage time

**%70**

With the increase in quality in production

Decrease in Complaints

MORE
FUTURE