



INDUSTRY **4.0**

**DGNET**

**Machine Data Collection & Analytics**



**DGNET**

# MACHINE CONNECTIVITY & INTELLIGENT SOLUTION



## MACHINE STATUS

Collect machine status data such as machine On/Off, good parts, total parts



## COMMUNICATION PROTOCOL

Connectivity to SQL Database without any middleware



## DASHBOARD

Analytics Power BI Dashboard provide Insights to overcome bottlenecks on production floor



## PRECISE DATA

An option with an HMI to view Real-Time OEE Dashboard

# THE DASHBOARD

Your Intelligent Solution

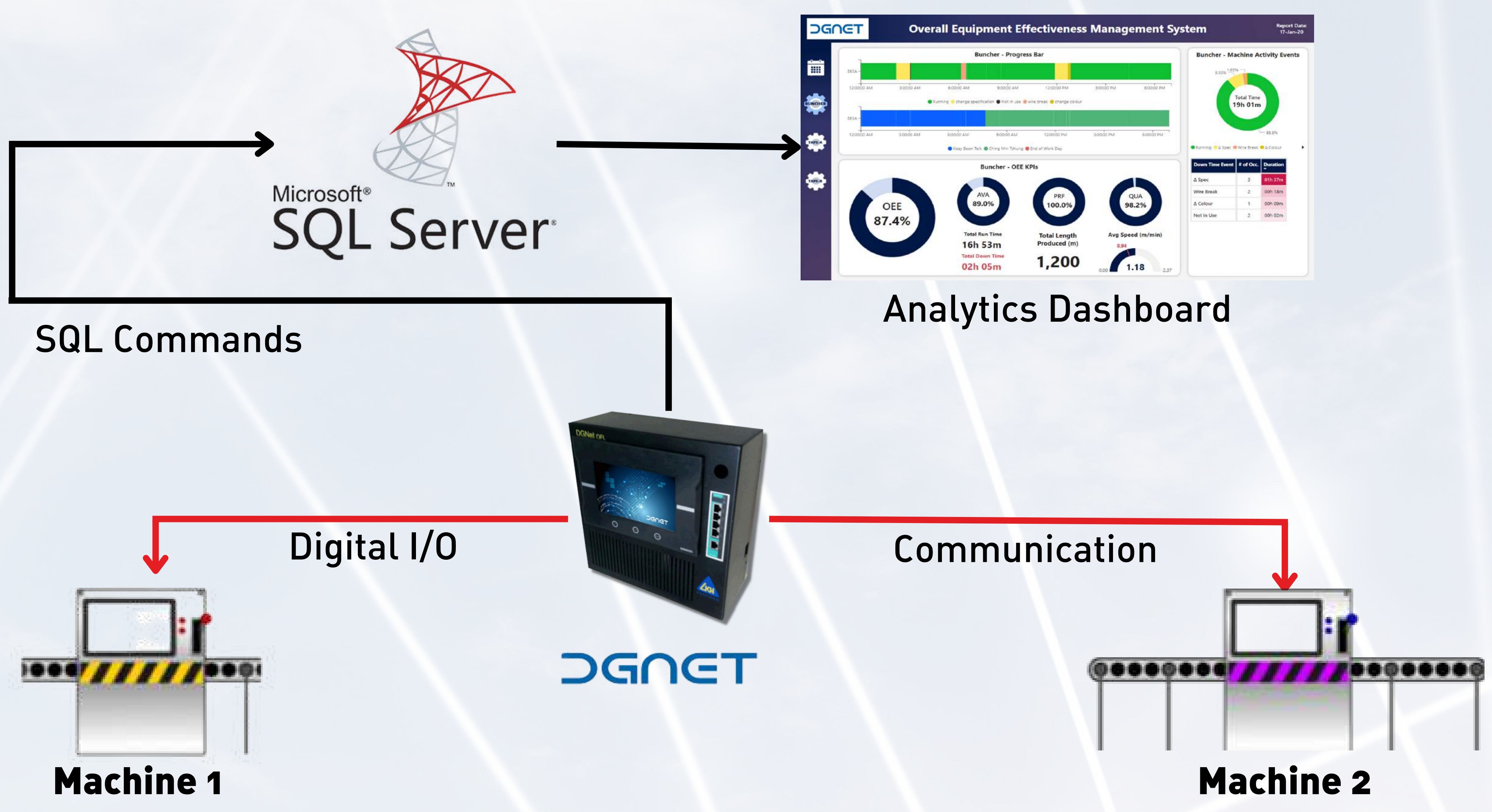


# THE GATEWAY

Your Connectivity Solution



# NETWORK ARCHITECTURE



# FEATURES

- ⚙️ Connectivity by EtherCAT, Ethernet (TCP/IP, Ethernet/IP, Modbus TCP)
- ⚙️ SQL connection without any PC or Middleware
- ⚙️ Automatic Data Spooling when SQL connection breakdown
- ⚙️ IO Expansion possible with DG NET IO
- ⚙️ Dashboard to provide analytics insights
- ⚙️ An option with a local display to monitor real-time OEE
- ⚙️ Monitor real-time OEE and historical OEE data to optimize machine productivity
- ⚙️ Monitor machine downtime to improve machine repair time and maintenance
- ⚙️ Monitor cycle time to judge how the machine is operated & efficiency of the operator

Models	Description
DG-NET-01	DG NET Box + Local Display + 2 Pages Dashboard
DG-NET-02	DG NET Box + 2 Pages Dashboard
DG-NET-IO	DG NET IO Expansion Box for one machine

# MODELS



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