



DominateSmartSite
Transforming the way industries work

Smart Machine Monitoring

Increase Throughput, Capacity and Machine Utilization!

Begin Your Digital Transformation

Reimagine Operations in the Era of Industry 4.0



Smart Site Platform

A Product of Dominate SmartSite

Retrofit Your Machines with Advanced IoT Sensors

Make your manufacturing floor a smart factory!

How is it connected?

1. Affix IoT sensor to your equipment in 5 minutes or less (all brands or types of equipment regardless of age).
2. Register the sensor using a mobile device.
3. Set alerts and notifications and have the system to watch your equipment, so you don't have to.



Smart Machine Monitoring

Increase throughput, capacity
and machine utilization.



What it will do for you?

- Real-time visibility of your entire production equipment (reporting operational, idle, down, or in-maintenance status).
- Harness machine data and analysis.
- Real-time visual dashboards.
- Real-time alerts and notifications.
- Incident management and corrective actions.
- Automatically keeps track of working counter (hours, odometer, date, or the number of times it was used.)
- Notifies you if detected anomaly in the operation of the equipment using predictive analysis.
- Evaluate the life cycle of your machine for a better financial impact on your bottom-line.
- Seamlessly connects equipment with your maintenance team, production, and quality control.

Smart Environment Monitoring

Advanced environment monitoring watches your environment, so you don't have to!

Collect, analyze, Act!

- Temperature & Humidity Sensors
- Water Leak Sensor
- Air Quality, Smoke & Dust Sensors
- CO, CO₂, H₂S, NO₂, SO₂, O₃, Ethanol & Methane Sensors
- Current & Voltage Sensors
- IR Sensor
- Contact Sensor
- Ambient Light Sensor
- Vibration & Motion Sensors



Technology Agnostic Industrial IoT Devices

RFID



GPS Devices



LoRa



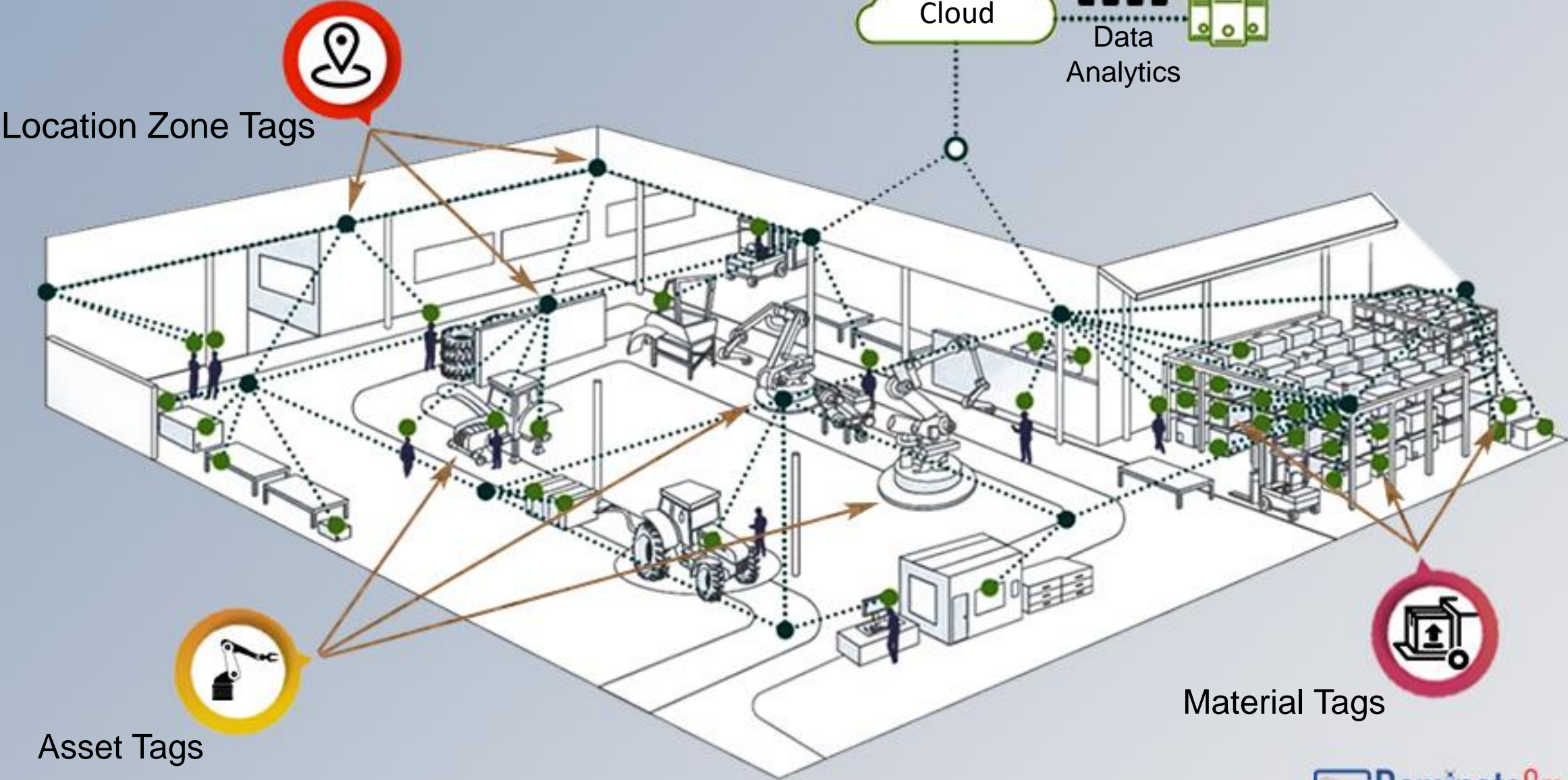
BLE



Sensors



Wireless Industrial IoT Site Connectivity



Plug & Play Industrial IoT Hardware

**IoT That's Ready to Use.
Ready to Scale.**

Pre-configured IoT hardware designed for harsh industrial environment without a need for AC power or network connection enables your operation to be IoT ready within days.

- No AC Power Required. Runs on long-lasting Battery (12 months).
- No Internet Connection Required (creates its own BLE mesh network).
- Quick Installation and Expansion (less than 2 minutes per device).
- Read Range of Up to 100 Meters (300 ft)
- IP67 Ratings (water & dust proof)
- High Availability with No Single Point of Failure



Plug & Play Industrial IoT Devices



Temperature/Humidity
Sensor (BLE)



High Temperature
Sensor (850F) (BLE)



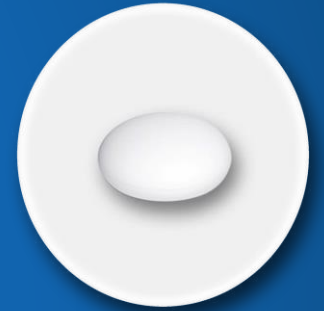
Vibration & Motion
Sensor (BLE)



Power Sensor (voltage
& current) (BLE)



Light Sensor (BLE)



Water Leak Sensor (BLE)



Smoke Sensor (BLE)



Methane Detector
Sensor (BLE)



CO2 (Carbone Dioxide)
Gas Sensor (BLE)



H2S (Hydrogen Sulfide)
Gas Sensor (BLE)



NO2 (Nitrogen Dioxide)
Gas Sensor (BLE)



SO2 (Sulfur Dioxide)
Gas Sensor (BLE)

Plug & Play Industrial IoT Devices



O3 (Ozone) Sensor (BLE)



ETOH (Ethanol)
Gas Sensor (BLE)



IAQ (Indoor Air Quality)
Sensor (BLE)



RESPIRR (Respiratory
Irritant, Air Quality) Sensor
(BLE)



Combo Sensor (BLE)
(Temp/Humidity, light, air
quality)



Wireless Site Emergency
Event Notification (BLE)



IR Motion Sensor (BLE)
Temperature/Humidity
Sensor (LoRa)



Environment Sensor
(Temp/humidity, air
quality & pressure)
(LoRa)



Liquid Level Sensor
(LoRa)



Water Leak Sensor
(LoRa)



Contact Sensor (LoRa)

Plug & Play Industrial IoT Devices



Personnel Tag (GPS & Motion) (LoRa)



RS-485 (Modbus) to LoRa WAN converter



Magnetic Contact (BLE)



Belt Sensor with Man-down and SOS button (BLE)



Helmet Sensor with Man-down and SOS button (BLE)



Slim Tag (BLE)



GPS Vehicle Tag



GPS Container Tag

Plug & Play Industrial IoT Devices

IoT Cloud Connectivity



Location Router
(BLE)



IoT Gateway
(BLE)



Mini Wi-Fi IoT Gateway
(BLE)



Mini IoT Gateway
(LoRa)



IoT Gateway
(LoRa)

Real-time Equipment Condition Dashboard



Transforming Machine Data Insight into Actions



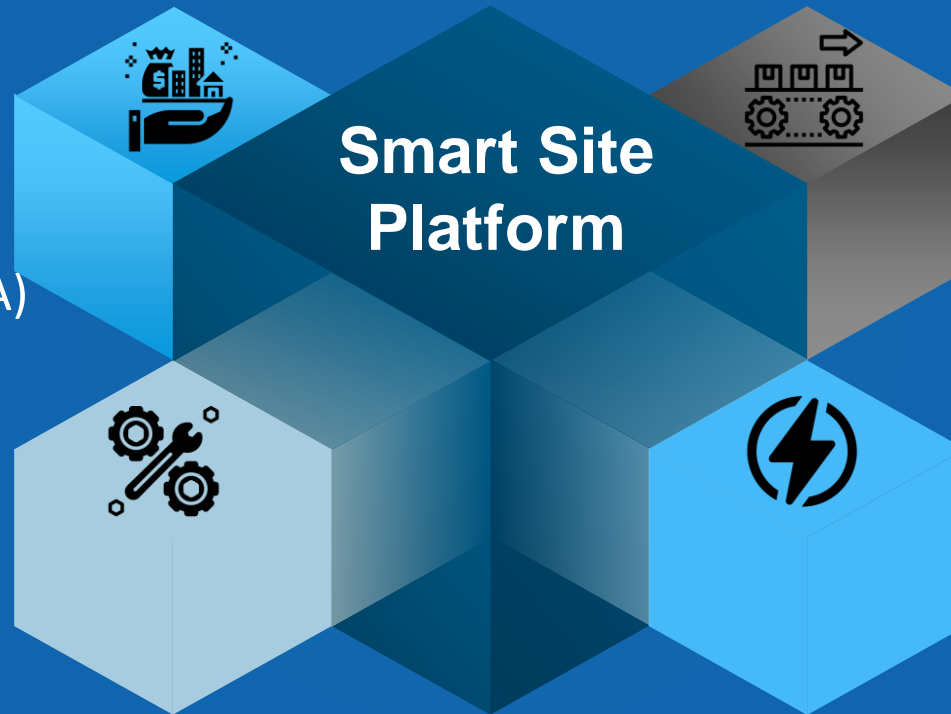
Key Value Drivers of Dominate Smart Site Digital Transformation Adoption

Asset

- Enhanced visibility & control.
- Asset Lifecycle extension.
- Optimize asset utilization.
- Improve return on asset (ROA)

Maintenance

- Real-time visibility of maintenance operation.
- Links maintenance team to real-time data.
- Reduce wrench time and get more maintenance done with fewer resources.



Production

- Faster production bottleneck detection.
- Shop floor labor productivity growth.
- Operating costs reduction
- Reduction in unexpected production downtimes.

Energy

- Energy usage reduction.

Integrations

Supercharge Your Existing Equipment With the power of IoT!

Extend your equipment with real-time insights from streaming IoT data to improve efficiency and derive more value.

- Microsoft Power BI
- IBM Maximo
- Import/Export Wizards
- Extensive REST APIs
- IoT Sensors, GPS, LoRa and RFID
- Condition Monitoring IoT Hardware



End-to-End Security

We Take Security Seriously!

Through unique device identification, system provides secure environment of trusted devices and communications.

Authentication is enforced prior to communication for proof-of-origin of data. Transport-level security helps prevent corruption. Role-based and user-based access control manages cloud and mobile access.

- Role and user-based access control
- HTTPS point-to-point connection
- Message integrity, confidentiality and replay protection
- Node authenticity
- AES 128 counter mode
- OMAC1 message integrity
- Transport-level security



Why Dominate Industrial IoT?

Key System Features

- End-to-end turnkey IoT Solutions SaaS or on-premise installations.
- ROI in five days.
- Quick learning curve with minimal operation disruptions.
- Plug & play, pre-configured and ready to go IoT hardware.
- Technology agnostic with quick DIY hardware installation.
- Mobile-enabled (iOS & Android).
- End-to-end security.

Zero Investment & Risks

- Low-cost bundled hardware & software monthly subscriptions.
- Accelerate time to value with no upfront costs or CAPEX.
- No long-term contract.

Worry-free Support

- Online knowledge base access.
- Dedicated consultants.
- Phone & Email support.
- Data migration.

Our Goal

Partner with our clients to transform their organizations in the ways that matter most to them.

This means embedding digital analytics and design into core processes and mind-sets; building capabilities that help organizations and people to thrive in an ever-changing context; and developing excellence in execution to ensure that actions translate into outcomes, quickly and sustainably.





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