

Smart Maintenance Management (CMMS)

Maximize Equipment Uptime, Reliability & Availability!



Operational Challenges

- Is unplanned downtime stopping your operations?
- Is your production machinery in tip-top shape?
- Can you predict when a machine should be shut down to prevent a failure?
- Do you know which assets need to be serviced this month?
- Do you have the right spare parts to service them?
- Do you have real-time visibility of your shop/field maintenance workload?
- Is your field workforce linked to real-time information for faster and better decisions?
- Can you effortlessly allocate the work orders to meet the daily demand changes?
- Do you meet your operation's environment, emissions and safety standards?

**Solutions for Achieving Greater Value, Reducing Costs,
Eliminating Risks & Optimizing Operational Efficiency**

Smart Maintenance Management

Maximize equipment uptime, reliability and availability!

Preventive
Maintenance



Condition-based
Predictive Maintenance



Smart Sensors



Alerts &
Notifications



Real-Time
Location System



Spare Parts
Inventory



Preventive Maintenance

Maximize Equipment Uptime, Reliability and Availability!

Drive an efficient maintenance operation.

- Condition-based Planned & Corrective Maintenance
- Auto-triggering Work Order Creation
- Technician Dispatch with One-click Assignment
- Maintenance Task Lists
- Maintenance Dashboards
- Maintenance Cost Tracking
- Instant Maintenance Requests

You can also enable your existing maintenance application with the power of Dominate wireless IoT sensors.

Predictive Maintenance

Minimize Un-scheduled Downtime!

Our Smart Maintenance Management is a CMMS on steroids.

Smart sensors collect real-time asset condition, usage, environment, and performance for predictive analysis.

Predictive maintenance algorithm helps determine the condition of in-service equipment in order to predict when maintenance should be performed. Alerts are sent to the right person at the right time so corrective action can be taken.



Mobile Field Management

Mobility Connects Your Field Techs to Equipment, Anywhere, Anytime!

Smart phones and tablets help you achieve the full spectrum of asset management and maintenance capabilities from the palm of your hand.

- Android & iOS
- On-line or Off-line Working Modes
- Live Geo-location Tracking
- Live Dashboards

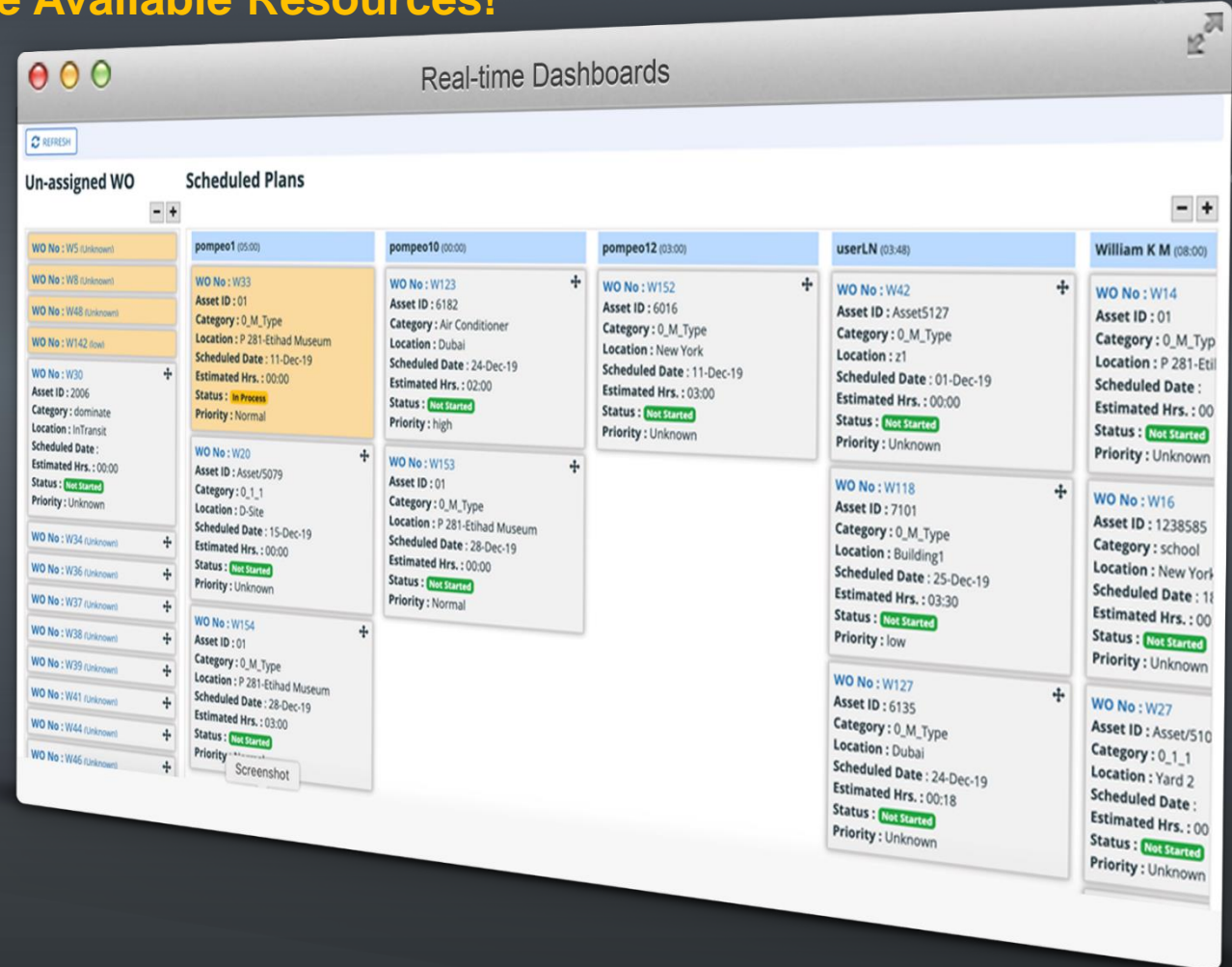


Technician Dispatch Dashboard

Empower Your Management With Real-time Available Resources!

View all the technician schedules in real-time.

“one-click” to quickly and effortlessly assign work orders to technicians.

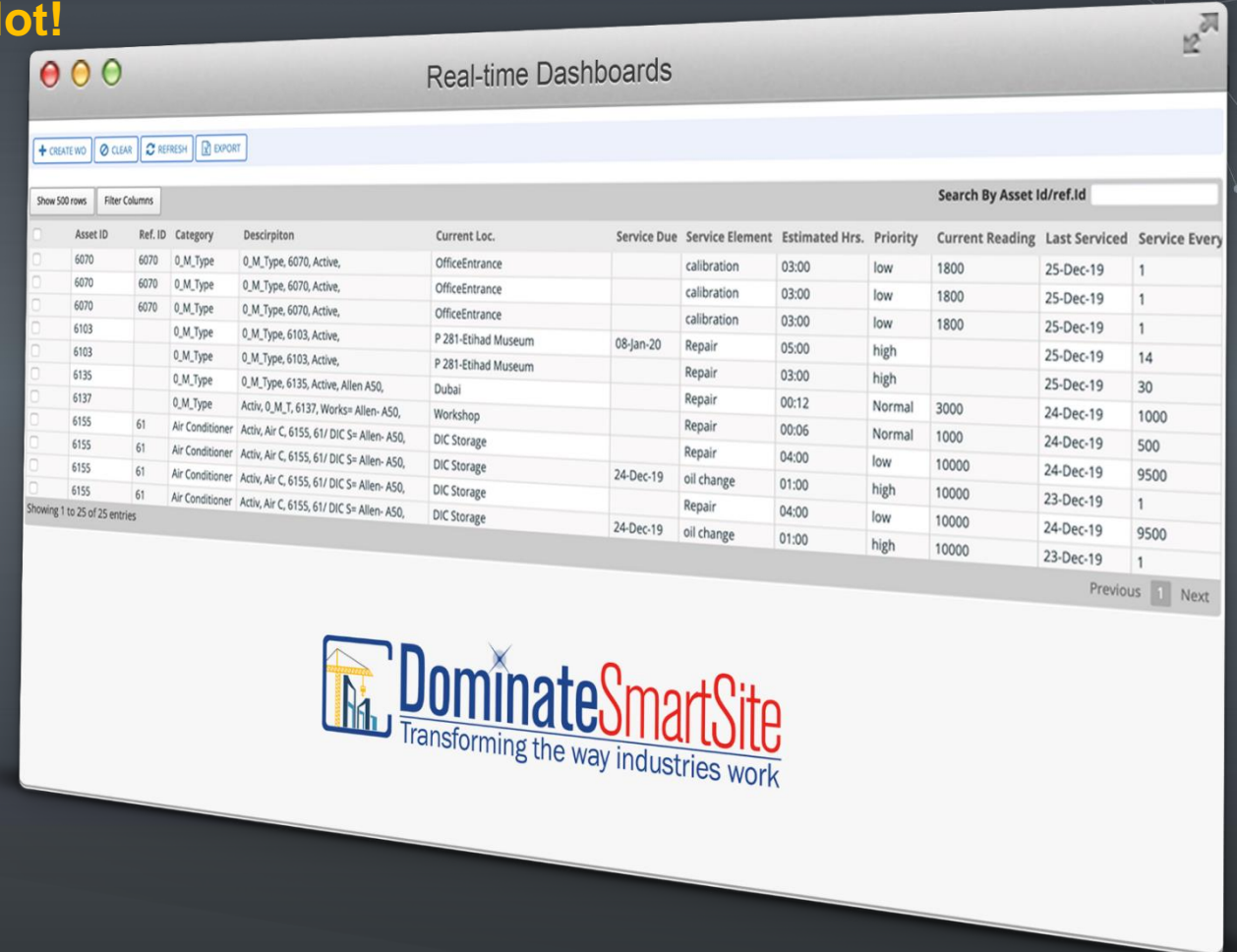


Work Order Creation & Planner

Your Maintenance Management On Auto Pilot!

Auto-triggers work orders when equipment conditions (calendar date, odometer, usage hours or number of usages) are met.

Submit work order requests quickly from the field to reduce downtime.



The screenshot displays a web application titled "Real-time Dashboards". At the top, there are buttons for "+ CREATE WO", "CLEAR", "REFRESH", and "EXPORT". Below these is a search bar labeled "Search By Asset Id/ref.Id". The main content is a table with columns: Asset ID, Ref. ID, Category, Description, Current Loc., Service Due, Service Element, Estimated Hrs., Priority, Current Reading, Last Serviced, and Service Every. The table lists various work orders for different assets, including calibration and repair tasks. At the bottom of the table, it says "Showing 1 to 25 of 25 entries". The footer of the application features the "DominateSmartSite" logo and the tagline "Transforming the way industries work".

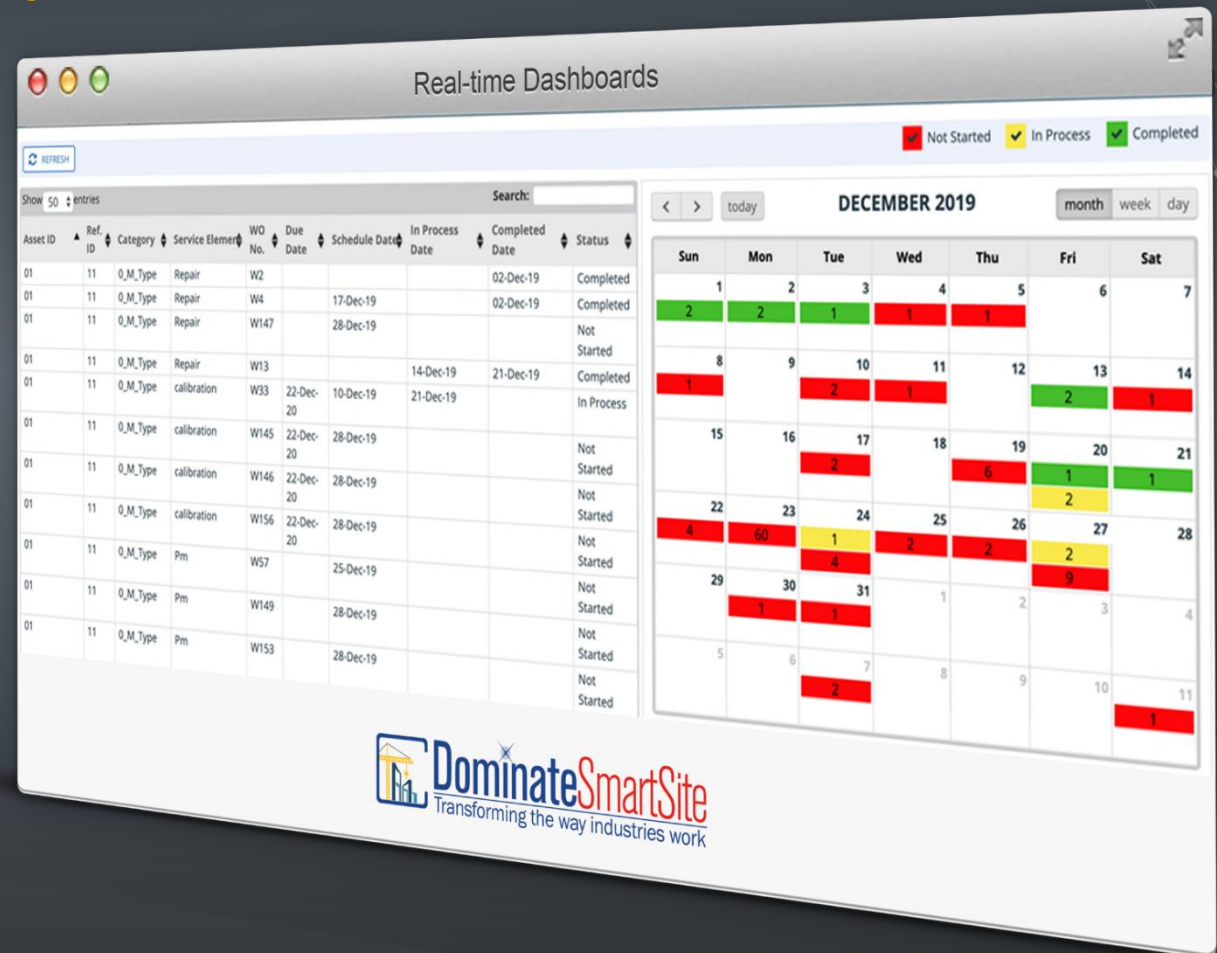
Asset ID	Ref. ID	Category	Description	Current Loc.	Service Due	Service Element	Estimated Hrs.	Priority	Current Reading	Last Serviced	Service Every
6070	6070	O_M_Type	O_M_Type, 6070, Active,	OfficeEntrance		calibration	03:00	low	1800	25-Dec-19	1
6070	6070	O_M_Type	O_M_Type, 6070, Active,	OfficeEntrance		calibration	03:00	low	1800	25-Dec-19	1
6070	6070	O_M_Type	O_M_Type, 6070, Active,	OfficeEntrance		calibration	03:00	low	1800	25-Dec-19	1
6103		O_M_Type	O_M_Type, 6103, Active,	P 281-Etihad Museum	08-Jan-20	Repair	05:00	high		25-Dec-19	14
6103		O_M_Type	O_M_Type, 6103, Active,	P 281-Etihad Museum		Repair	03:00	high		25-Dec-19	30
6135		O_M_Type	O_M_Type, 6135, Active, Allen A50,	Dubai		Repair	00:12	Normal	3000	24-Dec-19	1000
6137		O_M_Type	Activ, O_M_T, 6137, Works= Allen- A50,	Workshop		Repair	00:06	Normal	1000	24-Dec-19	500
6155	61	Air Conditioner	Activ, Air C, 6155, 61/ DIC S= Allen- A50,	DIC Storage		Repair	04:00	low	10000	24-Dec-19	9500
6155	61	Air Conditioner	Activ, Air C, 6155, 61/ DIC S= Allen- A50,	DIC Storage	24-Dec-19	oil change	01:00	high	10000	23-Dec-19	1
6155	61	Air Conditioner	Activ, Air C, 6155, 61/ DIC S= Allen- A50,	DIC Storage	24-Dec-19	oil change	01:00	low	10000	23-Dec-19	9500
6155	61	Air Conditioner	Activ, Air C, 6155, 61/ DIC S= Allen- A50,	DIC Storage		Repair	04:00	high	10000	23-Dec-19	1

Maintenance Calendar Dashboard

Puts You On Top of Your Maintenance Operation!

Provides a bird's-eye view of all the maintenance activities and status whether not-started, in-process or complete.

View the maintenance queue in both a calendar and detailed list view.



User-defined Preventive Maintenance Plans

Watches Your Equipment Maintenance Lifecycle Without You Watching It!

Setup unlimited recurring maintenance work orders to occur per piece of equipment based on conditions such as calendar date, odometer, usage hours and number of usages to automatically trigger maintenance notifications.

Real-time Dashboards

SHOW ADVANCED SEARCH VIEW IMAGE NEW WORK ORDER REFRESH

SEARCH CLEAR PIN

Asset ID: 101010d Category: Airs Segment: Segment2 Brand: 3
Description: Check, Airs, 10101, 10/ Segme\ M44= 3- 4, 5 Condition: Condition 1 Model: 4
Ref. ID: 10 Status: CheckedOut Color: 5
Ref. Des: 2 Assigned L: M44 SN:
Tag ID: Current Loc: M44

Current Reading

SERVICE ELEMENTS WORK ORDERS NOTES (0) ATTACHMENTS (0)

ADD REFRESH

Search:

Service Element	Priority	Service Task	Estimated Hrs	Service Event By	Service Every	Next Service
1 Repair	=	Test		Date	10	25-Dec-19
3 filter change	=			Hours Used	500	500
2 oil change	=	IOS Repair	99.5	Date	14	07-Jan-20

Showing 1 to 3 of 3 entries

Previous 1 Next

DominateSmartSite
Transforming the way industries work

Maintenance Task List

Deliver Reliable & Consistent Maintenance Every Time!

Setup unlimited task lists for each type of maintenance to simplify and aid technicians when performing the service.

Assign estimated time to each task for comparison with the actual time spent to drive performance KPI.

The screenshot displays a web application window titled "Real-time Dashboards". The interface includes a sidebar with a tree view of service tasks: "Service Task", "Oil Change", "Change Oil", "Test", "Grease moveable parts", "laptop repair", "test service", and "IOS Repair". The "Oil Change" task is selected. The main area shows a "Service Task" form with "Oil Change" entered in the "Service Task" field and "05:00" in the "Estimated Hrs" field. Below this is a "Check List" table with three rows: "Change Oil", "Test", and "Grease moveable parts". Each row has an "Order" column with up/down arrows and a "+ Add" button. The bottom of the window features the "DominateSmartSite" logo and the tagline "Transforming the way industries work".

Service Task	Estimated Hrs
Oil Change	05:00

Check List	Order	+ Add
Change Oil	↑	+
Test	↓	+
Grease moveable parts	↑	+

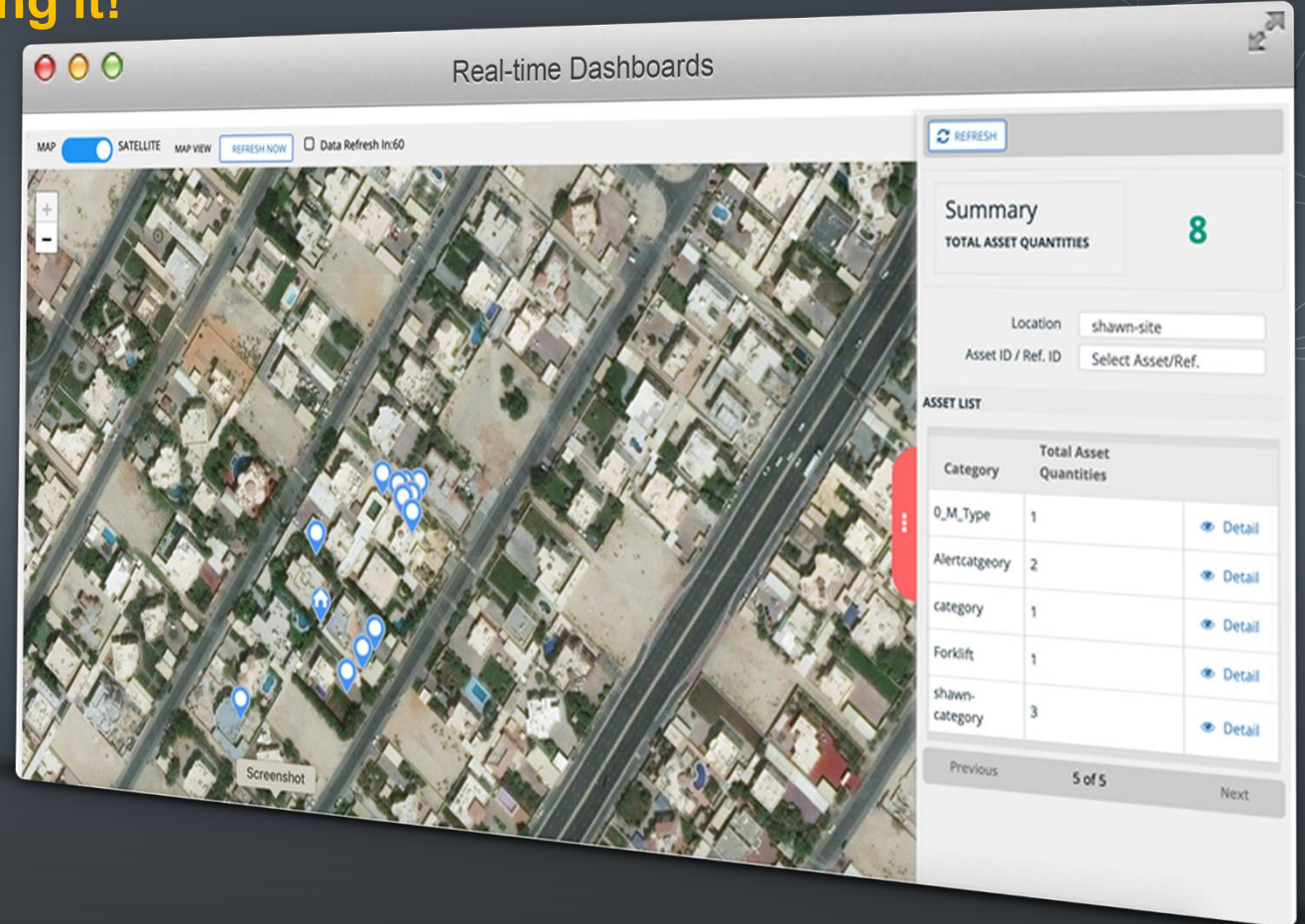
DominateSmartSite
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Real-time Alerts & Notifications

Watches your assets without you watching it!

Real-time alerts & notifications brings accountability, validation and security at every level.

- Rule-based Alerts
- Notifications
- Reminders
- Manage Restricted Asset or Location Access
- Actions (Pop-up message, SMS, email, siren, light strobe)

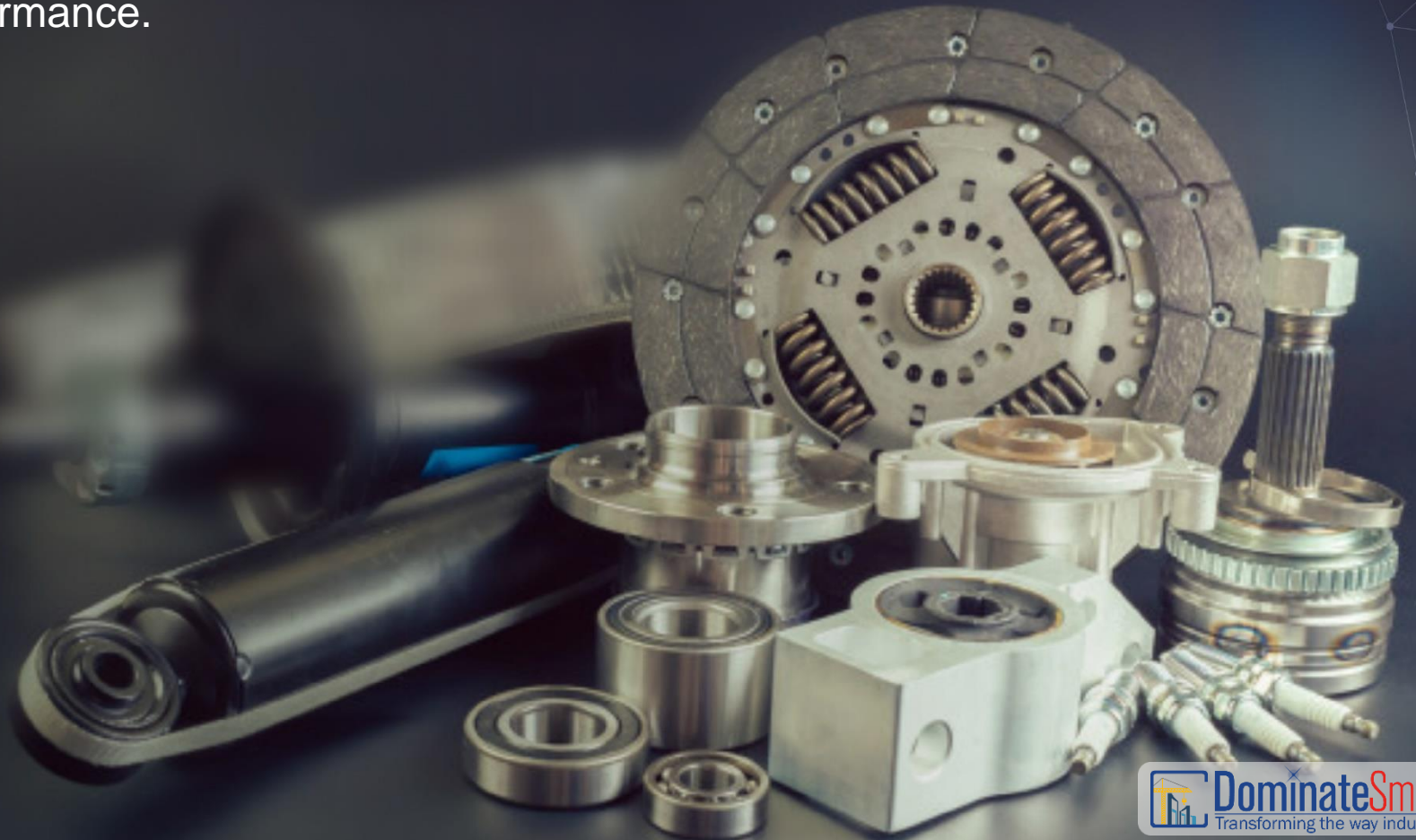


Spare Parts Inventory

The Right Spare Parts at The Right Place and Time!

Control spare parts planning and availability to mitigate risks and boost operational performance.

- Inventory & Spare Parts
- Inventory Level Tracking
- Inventory Locations
- Inventory Audit
- Low Stock Alerts

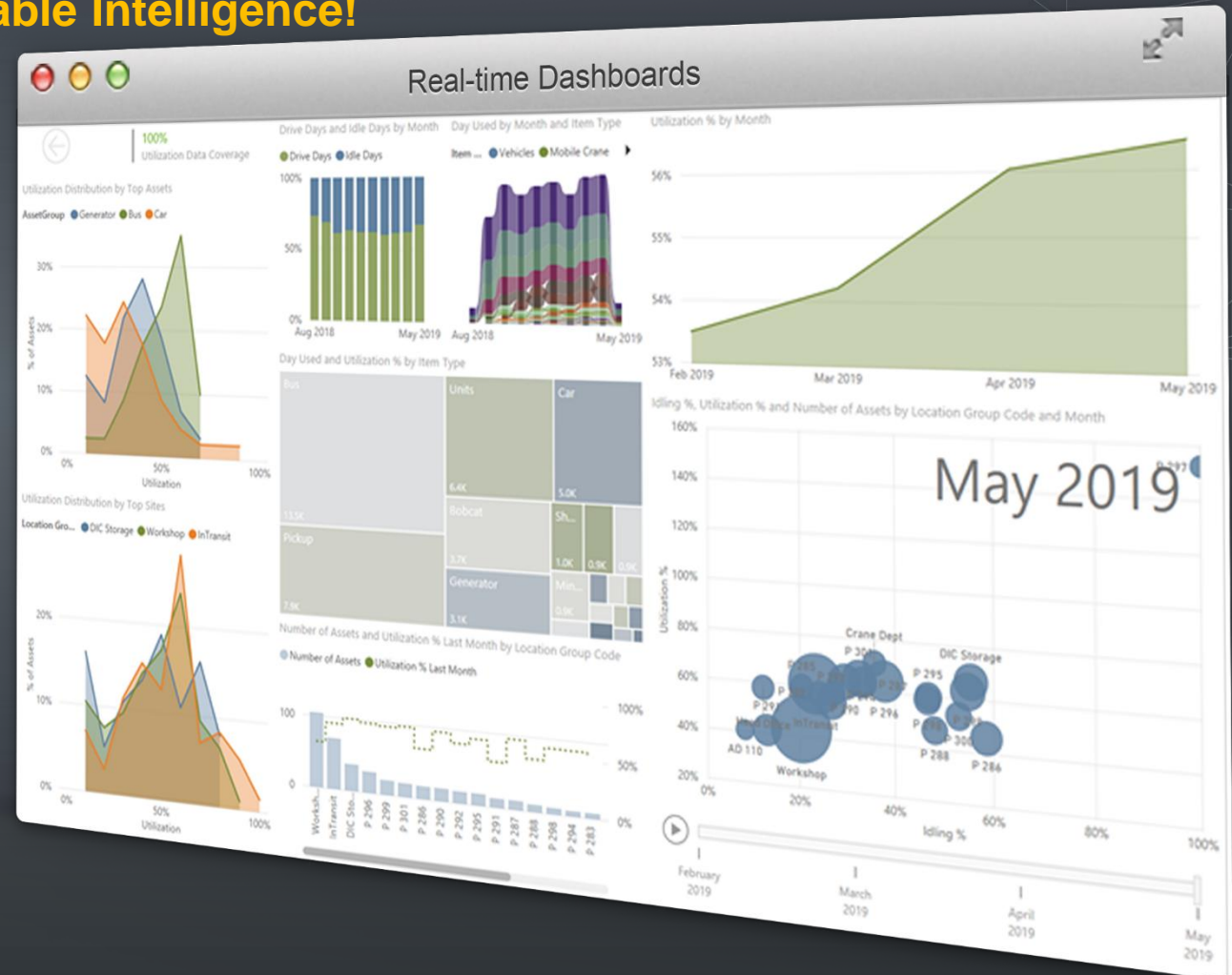


Analytics

Converting Your Asset's Raw Data into Actionable Intelligence!

Data gathered from IoT sensors allow you to see the conditions of machines and determine when a machine can be brought online or shut down to prevent an issue. Analyzes data gathered from a wide variety of sources to uncover patterns and trends that will deliver actionable insights to your operation.

- Live Dashboards
- AI-powered Insight
- Asset Utilization
- Asset Health
- Audit Analysis



Document Control

100% Paperless, 100% Digital.

Consolidate your documents, images, videos, transaction records, certifications, inspection approvals in a single digital portal, accessible from any location, on any device, by all authorized users across the enterprise.

- O&M manuals
- Drawings, Schematics
- 3D models, BIM
- Images, Videos
- Vendor Submittals

Integrations

Supercharge Your Existing Applications With the Power of IoT!

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

- Import/Export Wizard
- Fleet Management
- IoT, Sensors, GPS and RFID Devices
- Condition Monitoring Hardware
- Power BI and Extensive APIs

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

Industrial IoT Monitoring Platform

Collect, Analyze, Act!

- Temperature & Humidity Sensors
- Vibration & Motion Sensors
- Water Leak Sensor
- Air Quality, Smoke, Dust & Gas Sensors
- Current, Voltage & RPM Sensors
- IR Sensor
- Contact Sensor
- Ambient Light Sensor

Platform Features

- Alerts Setup
- Incident Management
- Corrective Actions
- Android & iOS Mobile Apps
- 5 Years Log History



Technology Agnostic Industrial IoT Devices

RFID



GPS Devices



LoRa



BLE



Sensors



Plug & Play Industrial IoT Hardware

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

Pre-configured IoT hardware designed for harsh industrial environments without a need for AC power or network connectivity 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 (329 ft)
- IP67 Ratings (water & dust proof)
- Man-down (fall detection)
- SOS button for emergency alert notification
- High Availability with No Single Point of Failure

A few of our IoT Asset Hardware

For full list, please visit <http://dominatesmartsite.com/iot-hardware>

BLE Tags



Harsh Tag



Button Tag



Slim Tag

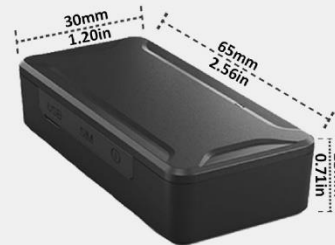


Coin Tag

GPS Tags



Vehicle GPS Tag



Container GPS Tag



Fleet GPS Tag



Sensor Tag

BLE Mesh Network



Location Anchor



Location Router



Event Notification



IoT Gateway

Deploy Dominate Smart CMMS and witness the miraculous results:

- Improve operational efficiency.
- Improve asset availability and performance.
- Maximize equipment uptime.
- Minimize unplanned equipment downtime.
- Identify potential failures.
- Reduce total cost of ownership.
- Connect your shop/field operation to the top floor.
- Manage maintenance outsourcing better.

Why Dominate Industrial IoT?

Key System Features

- End-to-end IoT Solutions or enable your existing applications with IoT.
- SaaS or on-premise installations.
- 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 (maximum 6 months).

Worry-free Support

- Online knowledge base access.
- Remote dedicated consultants.
- On-site full-time dedicated consultants.
- Free data migration.

Our Goal

Partner with our clients to transform their organization 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 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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