

Data2Desktop

Everything communicates

Web based Access:
Capability Overview



Omniflex
REMOTE MONITORING SPECIALISTS

www.iev-group.com Regional distributor: **IEV**

Capability Overview



a trusted name in
remote monitoring
and control

OMNIFLEX has been designing and manufacturing electronic products and systems for the automation and control industry since 1965.

Omniflex now brings this depth of experience and technology to the new field of "IoT" communications.

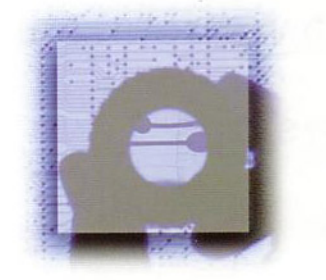
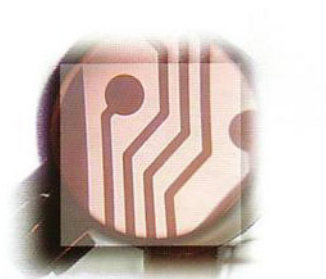
Data2Desktop is a framework of technologies providing an integrated service to retrieve and present your data to provide you control of your assets, wherever you, or they, may be.

Your primary access to your data via Data2Desktop is enabled using all modern web browsers available on computers, tablets, and mobile phones, giving you secure and easy access to your information at any time.

The rich suite of tools provided via the web gives you complete control of the information you need, from real-time alarm notifications 'pushed' to you in the manner you determine, through to historical data downloaded from the Data2desktop historical database for your own reporting needs.

And you never have to worry about software updates, or upgrades, or large capital outlays. The Data2Desktop Service is completely scalable to suit the size of your operation, even as you grow, saving you the administrative overhead associated with keeping your system up to the very latest release – automatically.

Don't ask us – ask our loyal customer base.



MONITOR

Get to your
information
in an instant

Secure Access

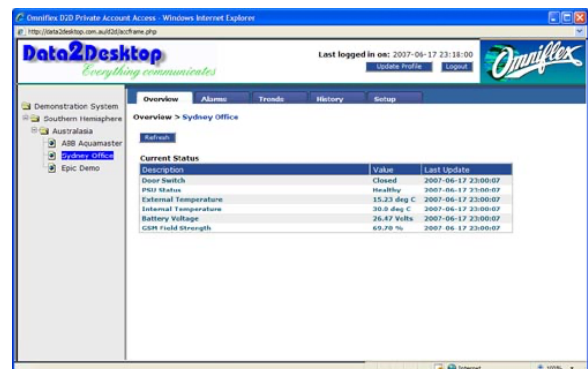
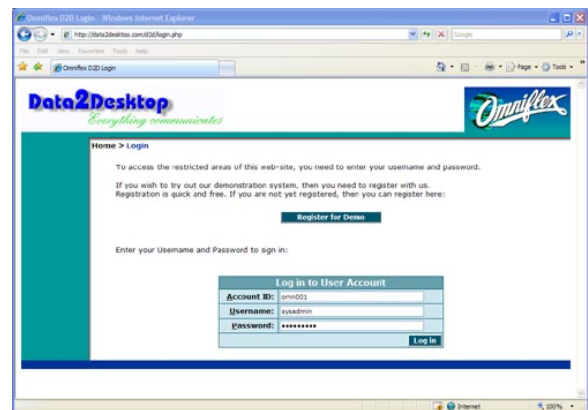
After logging in using a unique Username and Password, each user is presented with an overview of all your assets in a view you can customise to your individual needs.

- ✓ User login and tracking
- ✓ Configurable visibility for each data item and each asset per user.
- ✓ Users are placed in User Groups, and each User Group can be given specific rights to each data item.

Monitor

Select any asset or group of tags from the tree you have created on the left. View your data in the order you select.

- ✓ Arrangement of data completely configurable
- ✓ See status of your entire system at a single glance.
- ✓ Set set-points for alarms on each tag



ALARM

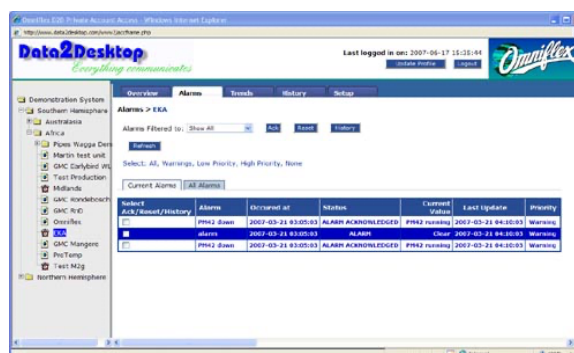
Get notified of alarms instantly



Real-time Alarms

Notify the correct personnel the moment alarms occur.

- ✓ Notify alarms
 - by SMS text message
 - by email
 - by push notification to phones
- ✓ Check and acknowledge alarms
 - Via web browser
 - Via mobile phone
- ✓ Escalate alarms if not acknowledged within a given time.
 - Different alarm escalation chains settable per alarm
 - Unlimited length chains
- ✓ Three priorities of alarms
 - Warning
 - Low Priority
 - High Priority
- ✓ Create a roster of personnel to receive alarms up to a year in advance



D2D – using IoT to keep informed

ANALYSE

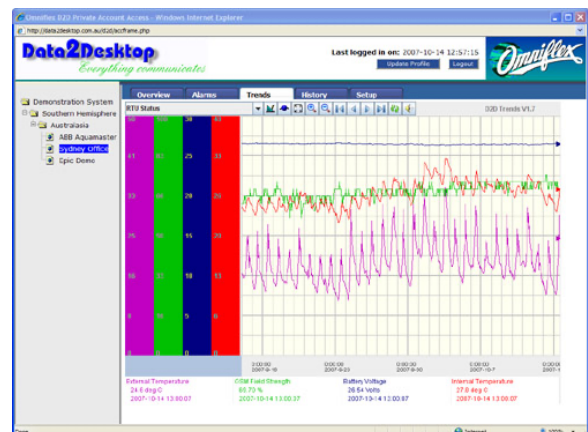
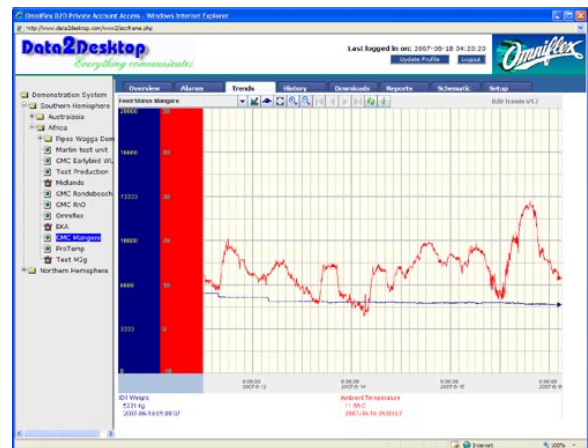
Understand the information presented

Historical Trending

The Data2Desktop System contains a comprehensive historical trending capability to help you analyse the performance of your assets.

- ✓ Unlimited number of trends
- ✓ Up to 6 data items on a single trend graph.
- ✓ Interactive visual zooming allows you to focus on a particular piece of data at a particular point of time.
- ✓ Pop-up data box gives exact readings at any point in time on the trend.
- ✓ Specify all aspects of the trends including pen colours, time-scales and data ranges
- ✓ Allow certain users to create trends on the fly. Control how these trends are saved, and who has visibility of each trend.

Ask about the competitive advantage that a **Data2Desktop** solution with **OMNIFLEX** can provide.



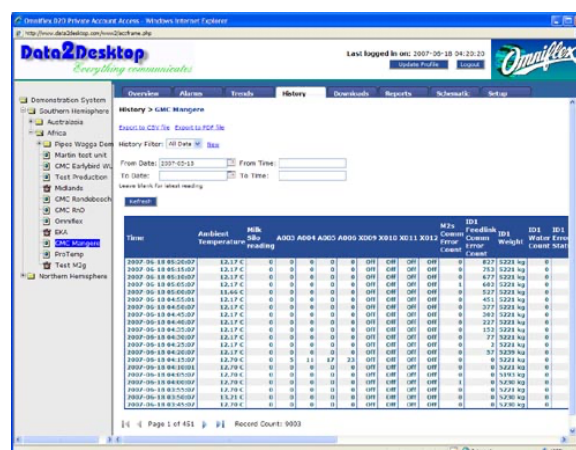
D2D – using M2M to improve your business

Present the
information as you
choose



Your data is saved in the secure Data2Desktop data-centre for a time agreed with you. This historical data is available for all your reporting needs.

- ✓ Unlimited number of historical reports
- ✓ Download selected data in csv format.
- ✓ Download selected data in pdf format.
- ✓ Allow certain users to create historical reports on the fly.
- ✓ Interactive visual zooming allows you to focus on a particular piece of data at a particular point of time.



Time	Door Switch	PSC Status	External Temperature	Internal Temperature	Battery Voltage	Gold-Flash Energy/Day
2007-06-18 11:00:07	Closed	Healthy	13.75 °C	21.1 °C	26.54 Volts	69.76 %
2007-06-18 10:59:57	Closed	Healthy	13.75 °C	21.7 °C	26.53 Volts	69.76 %
2007-06-18 09:50:07	Closed	Healthy	15.00 °C	21.4 °C	26.61 Volts	69.61 %
2007-06-18 08:50:07	Closed	Healthy	14.06 °C	21.2 °C	26.60 Volts	69.67 %
2007-06-18 07:50:07	Closed	Healthy	13.71 °C	21.2 °C	26.61 Volts	69.76 %
2007-06-18 06:50:07	Closed	Healthy	13.71 °C	21.5 °C	26.61 Volts	69.76 %
2007-06-18 05:50:07	Closed	Healthy	13.54 °C	21.6 °C	26.60 Volts	69.76 %
2007-06-18 04:50:07	Closed	Healthy	13.71 °C	21.6 °C	26.64 Volts	69.76 %
2007-06-18 03:50:07	Closed	Healthy	14.74 °C	20.1 °C	26.47 Volts	69.76 %
2007-06-18 02:50:07	Closed	Healthy	15.23 °C	20.3 °C	26.47 Volts	69.76 %
2007-06-18 01:50:07	Closed	Healthy	15.05 °C	20.0 °C	26.47 Volts	69.76 %
2007-06-18 00:50:07	Closed	Healthy	14.94 °C	20.0 °C	26.51 Volts	69.76 %
2007-06-17 23:50:07	Closed	Healthy	15.23 °C	19.0 °C	26.47 Volts	69.76 %
2007-06-17 22:50:07	Closed	Healthy	15.23 °C	19.8 °C	26.47 Volts	69.76 %
2007-06-17 21:50:07	Closed	Healthy	15.52 °C	19.5 °C	26.47 Volts	69.76 %
2007-06-17 20:50:07	Closed	Healthy	14.74 °C	20.6 °C	26.47 Volts	69.76 %
2007-06-17 19:50:07	Closed	Healthy	15.05 °C	20.3 °C	26.57 Volts	69.76 %
2007-06-17 18:50:07	Closed	Healthy	15.23 °C	20.5 °C	26.51 Volts	69.67 %
2007-06-17 17:50:07	Closed	Healthy	15.52 °C	21.4 °C	26.54 Volts	69.67 %
2007-06-17 16:50:07	Closed	Healthy	15.93 °C	20.3 °C	26.47 Volts	69.67 %
2007-06-17 15:50:07	Closed	Healthy	16.22 °C	20.3 °C	26.47 Volts	69.67 %
2007-06-17 14:50:07	Closed	Healthy	16.22 °C	19.8 °C	26.51 Volts	69.67 %
2007-06-17 13:50:07	Closed	Healthy	16.22 °C	19.1 °C	26.51 Volts	69.67 %
2007-06-17 12:50:07	Closed	Healthy	17.18 °C	21.3 °C	26.58 Volts	69.67 %
2007-06-17 11:50:08	Closed	Healthy	17.18 °C	21.0 °C	26.61 Volts	69.67 %

Ask about the competitive advantage that a **Data2Desktop** solution with **OMNIFLEX** can provide.

D2D – using M2M to improve productivity

CONTROL

Remote Control of your assets

Remote Control

Not only do you have the ability to view your assets from around the world, but you are also able to effect control as well.

- ✓ Turn things on and off
- ✓ Change configuration such as time-clock settings.
- ✓ Modify set-points used for alarming.
- ✓ Optional PIN number control to validate control actions.
- ✓ Full traceability of all control actions.

Ask about the competitive advantage that a **Data2Desktop** solution with **OMNIFLEX** can provide.



Description	Value	Last Update
Door Switch	Closed	2007-06-17 23:00:07
PSU Status	Healthy	2007-06-17 23:00:07
External Temperature	35.23 deg C	2007-06-17 23:00:07
Internal Temperature	38.8 deg C	2007-06-17 23:00:07
Battery Voltage	26.47 Volts	2007-06-17 23:00:07
CDM Field Strength	60.79 %	2007-06-17 23:00:07

D2D – using M2M to improve service levels

MANAGE

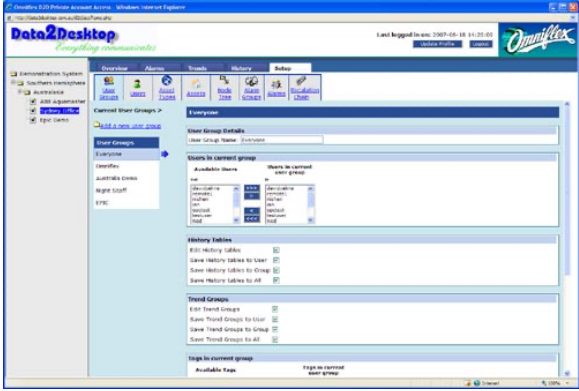
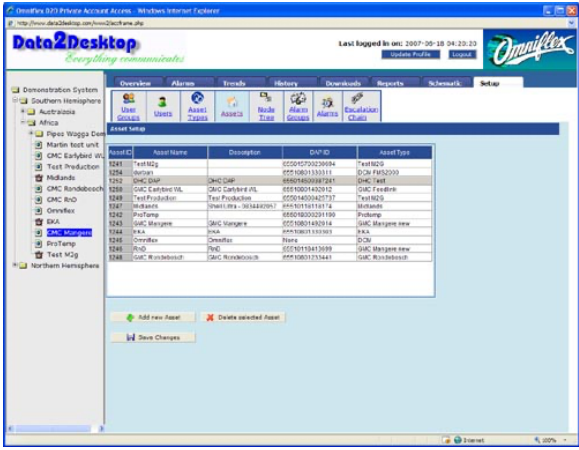
Tailor your own system to your users' needs

Configuration

There is a rich set of tools to allow you to tailor the look and feel of the Data2Desktop service to suit your application.

- ✓ Only System Administrators can change configuration settings.
- ✓ Manage users and user groups.
- ✓ Create and modify your assets and tags.
- ✓ Group your data in any way you choose.
- ✓ Allow certain users to create historical reports and trends on the fly.
- ✓ Decide how many or how few alarms to send and when to send them.
- ✓ Build regular reporting by email or SMS.
- ✓ Decide which users can control what.
- ✓ Add your own logo for a corporate branding.

Ask about the competitive advantage that a **Data2Desktop** solution with **OMNIFLEX** can provide.

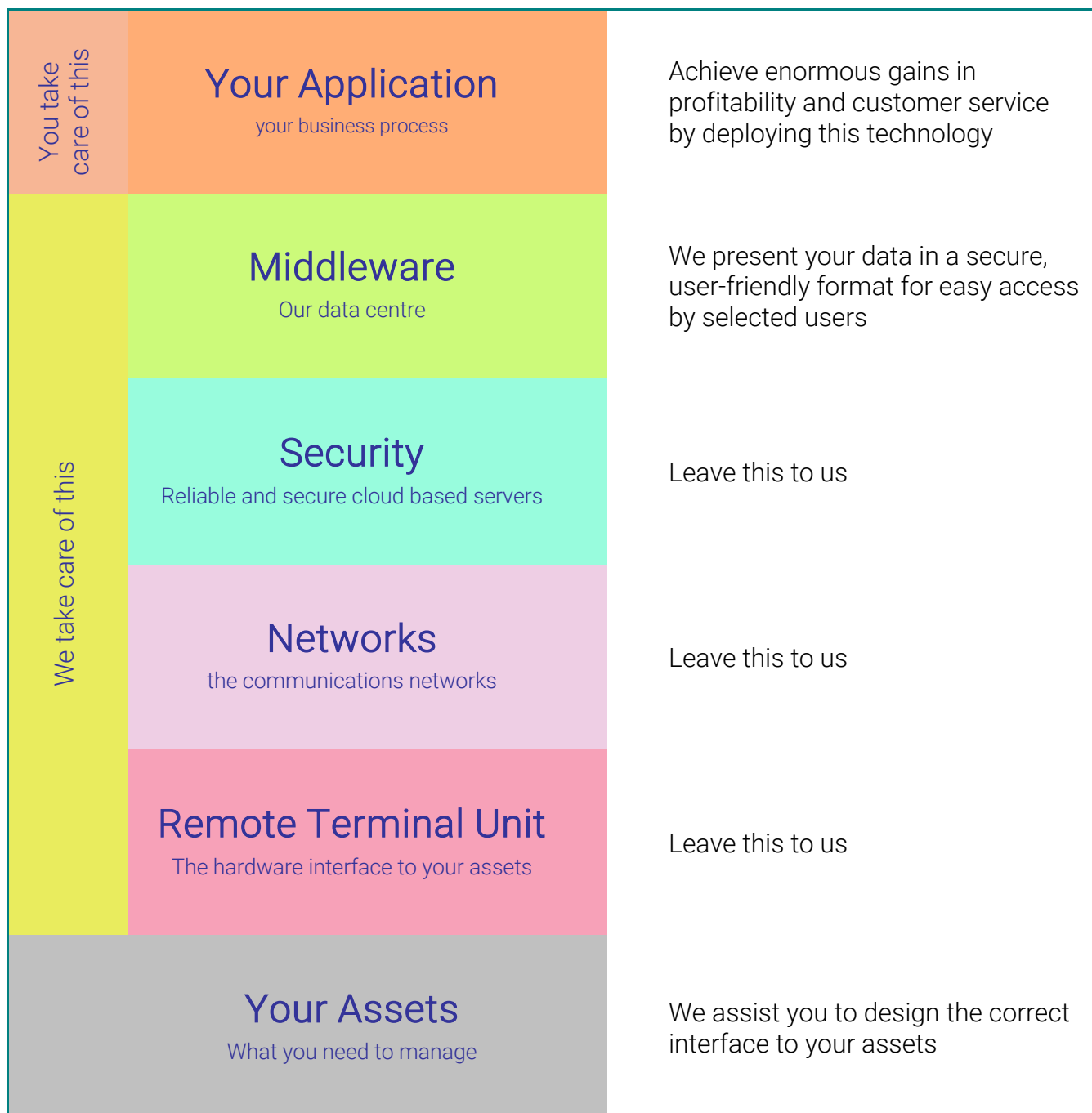


D2D – using M2M to improve your business

ARCHITECTURE

What you need to know...

The Technology Framework for Enabling Remote Asset Management



APPLICATIONS 1

Versatile solutions to remote asset management



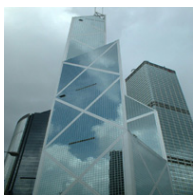
UTILITIES MONITORING

Remote meter reading, demand control, load management, pumping stations, remote flow monitoring, loss aggregation, water treatment, waste water, dosing systems...



SUPPLY CHAIN MANAGEMENT

Optimise stock, service calls and downtime, in vending operations, on-site storage facilities etc.



CATHODIC PROTECTION

Remote monitoring and control of Impressed Current and Galvanic Cathodic Protection Systems including any brand of CP Transformer/Rectifiers and Pipeline test posts for reduced operating costs and assured protection from corrosion.



AGRICULTURE

Irrigation, green houses, silo monitoring, pumping stations, boreholes, wineries

Versatile solutions to remote asset management



ENVIRONMENTAL

Emission stacks, weather stations, storm water, gas monitors, effluent control, water quality



SECURITY AND SURVEILLANCE

Intrusion alarms, access monitoring, fire alarms, power monitoring



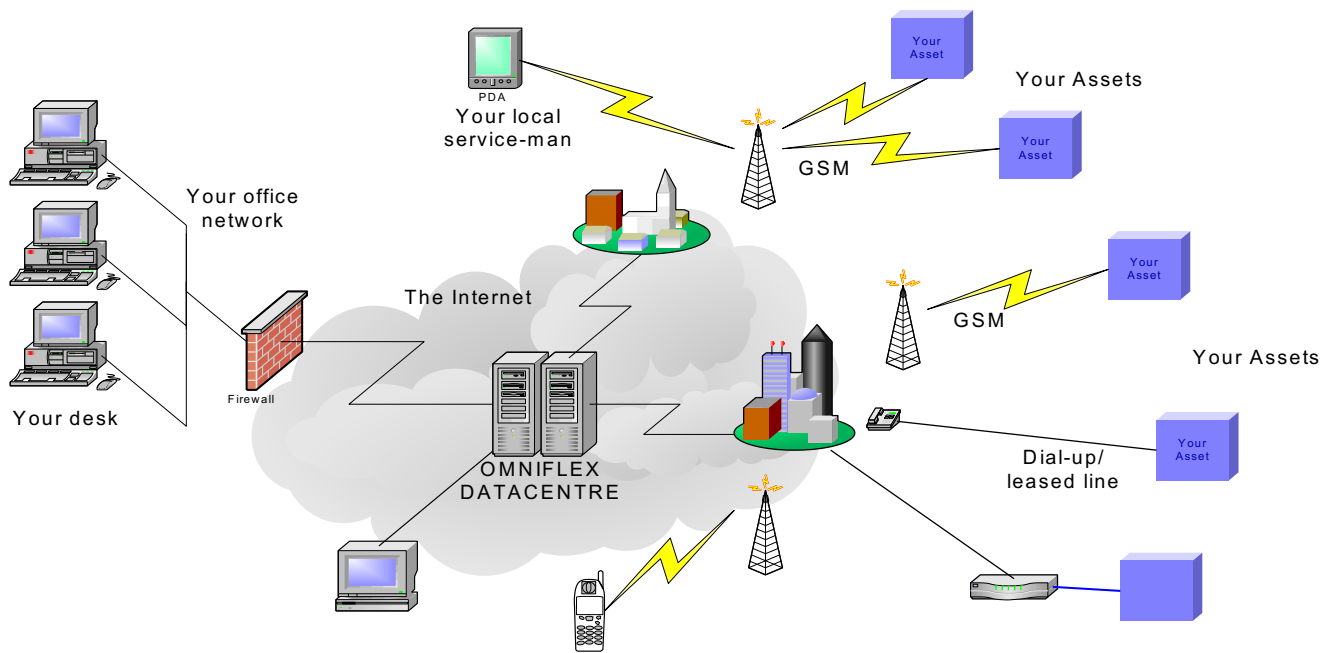
PRODUCTION MONITORING

Efficiency monitoring, batch reporting, stoppage alarms, shift reporting.



MOBILE ASSET TRACKING

Vehicle telematics, cargo monitoring, position tracking, on-board diagnostics.



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