Web based Access::
Capability Overview
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 "M2M" communications.

Data2desktop is a framework of technologies providing an integrated service to retrieve and present your data. And to provide you control of your assets, wherever you, or they, may be.

Your primary access to your data via Data2Desktop is enabled using standard web browsers available on computers, PDA’s 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 alarms ‘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 – instantly.

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

www.omniflex.com/d2d

your link to reliable solutions in remote asset management.
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
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 Windows pop-up message

✓ 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 M2M to keep informed
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.
Historical Reporting

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.

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

D2D – using M2M to improve productivity
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.

D2D – using M2M to improve service levels
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.
What you need to know...

The Technology Framework for Enabling Remote Asset Management

You take care of this

Your Application
your business process

Achieve enormous gains in profitability and customer service by deploying this technology

Middleware
Our data centre

We present your data in a secure, user-friendly format for easy access by selected users

Gateway
Access to the networks

Leave this to us

Networks
the communications networks

Leave this to us

Remote Terminal Unit
The hardware interface to your assets

Leave this to us

Your Assets
What you need to manage

We assist you to design the correct interface to your assets
**APPLICATIONS**

**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.

**BUILDING AUTOMATION**
Heating, ventilation, air-conditioning, refrigeration, standby generators, computer rooms, intrusion alarms,

**AGRICULTURE**
Irrigation, green houses, silo monitoring, pumping stations, bore-holes, wineries
APPLICATIONS

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.