Data2Desktop
Everything communicates

Web based Access::
Capability Overview

Omniflex

Capability Overview

a trusted name in automation 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 "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.
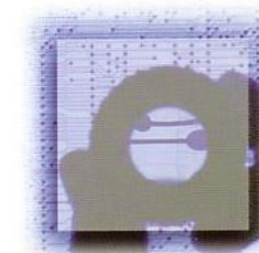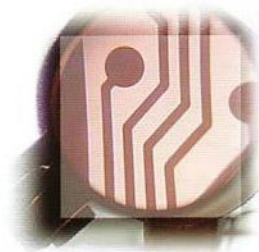
M O N I T O R

Get to your information in an instant


S e c u r e   A c c e s s

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.

M o n i t o r

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
- ✓
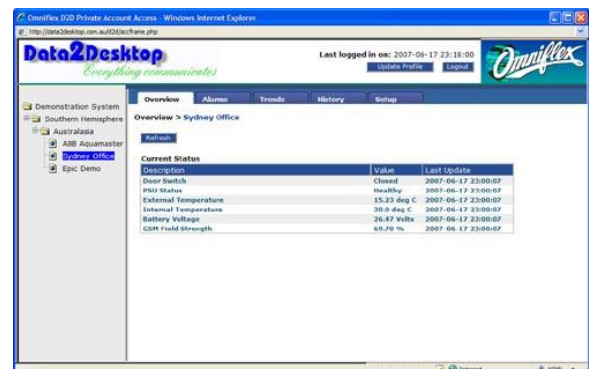
ALARM

Get notified of alarms instantly

Real-time Alarms

Notify the correct personnel the moment alarms occur.


✓ Notify alarms
   o by SMS text message
   o by email
   o by Windows pop-up message

✓ Check and acknowledge alarms
   o Via web browser
   o Via mobile phone

✓ Escalate alarms if not acknowledged within a given time.
   o Different alarm escalation chains settable per alarm
   o Unlimited length chains

✓ Three priorities of alarms
   o Warning
   o Low Priority
   o High Priority

✓ Create a roster of personnel to receive alarms up to a year in advance
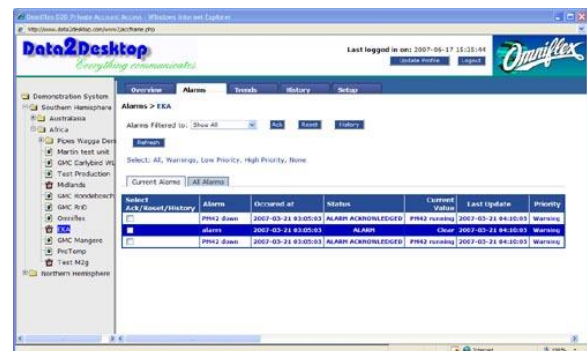
Data2Go

D2D – using M2M to keep informed

A N A L Y S E

Understand the information presented

H i s t o r i c a l   T r e n d i n g

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.
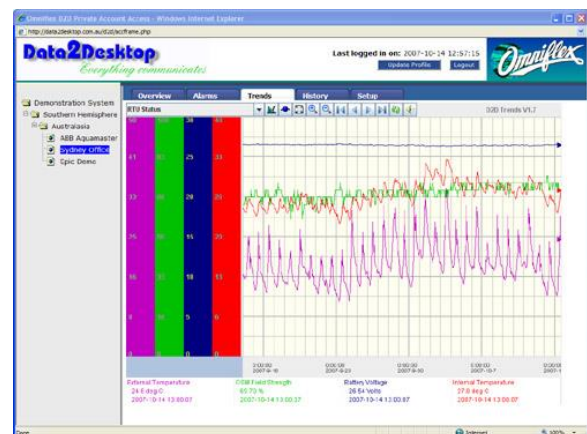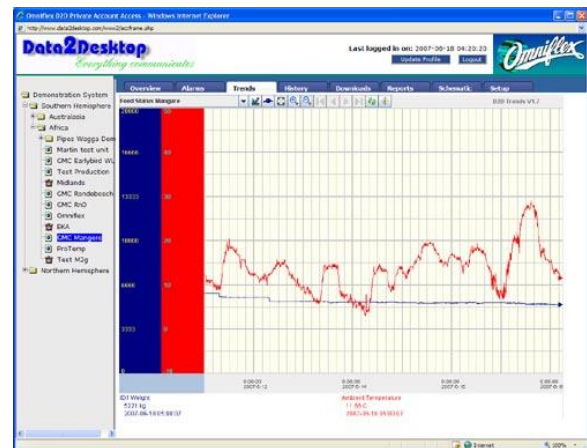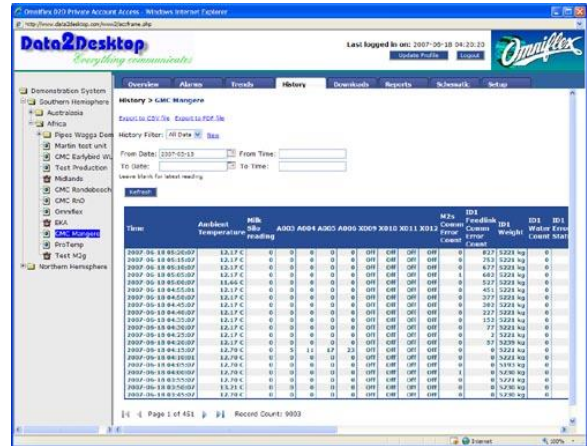
D2D – using M2M to improve your business

Present the information as you choose

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 of your assets

R e m o t e   C o n t r o l

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

M A N A G E

Tailor your own system to your users' needs

C o n f i g u r a t i o n

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.
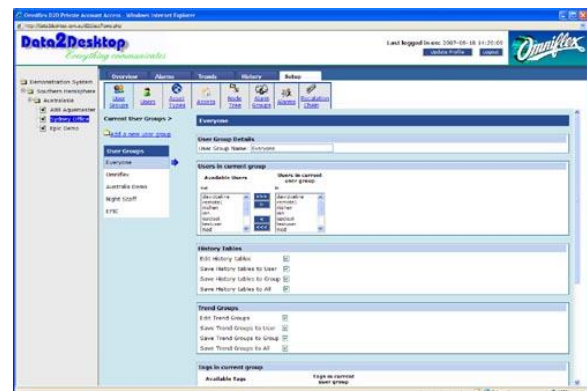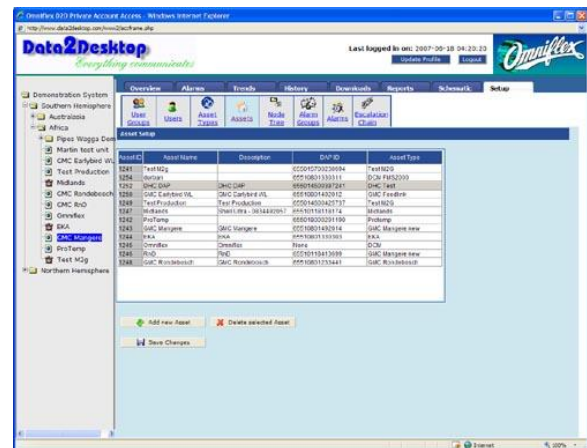
D2D – using M2M to improve your business

What you need to know...

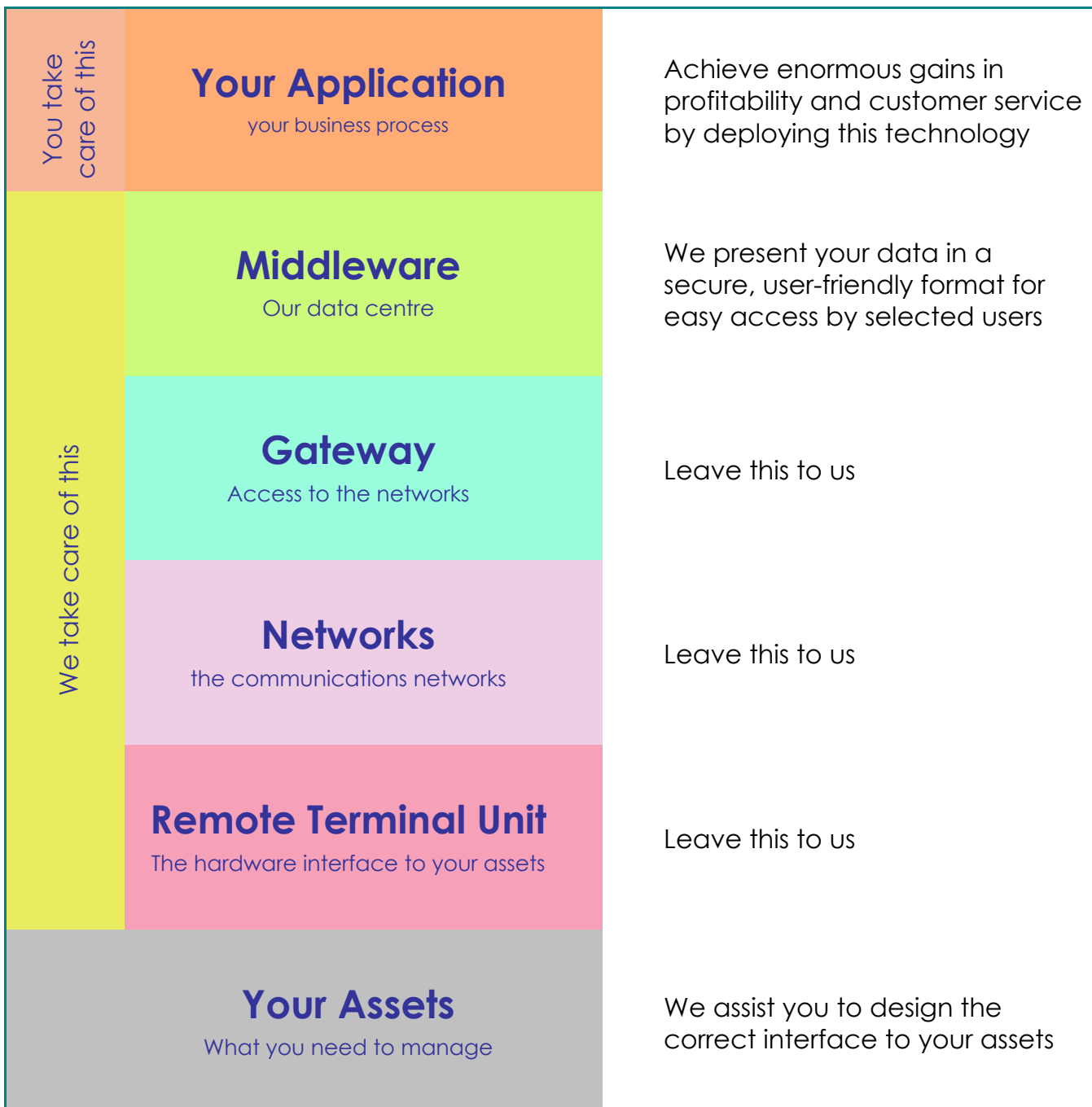The Technology Framework for Enabling Remote Asset Management

You take care of this	**Your Application** your business process	Achieve enormous gains in profitability and customer service by deploying this technology
We take care of this	**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

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

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
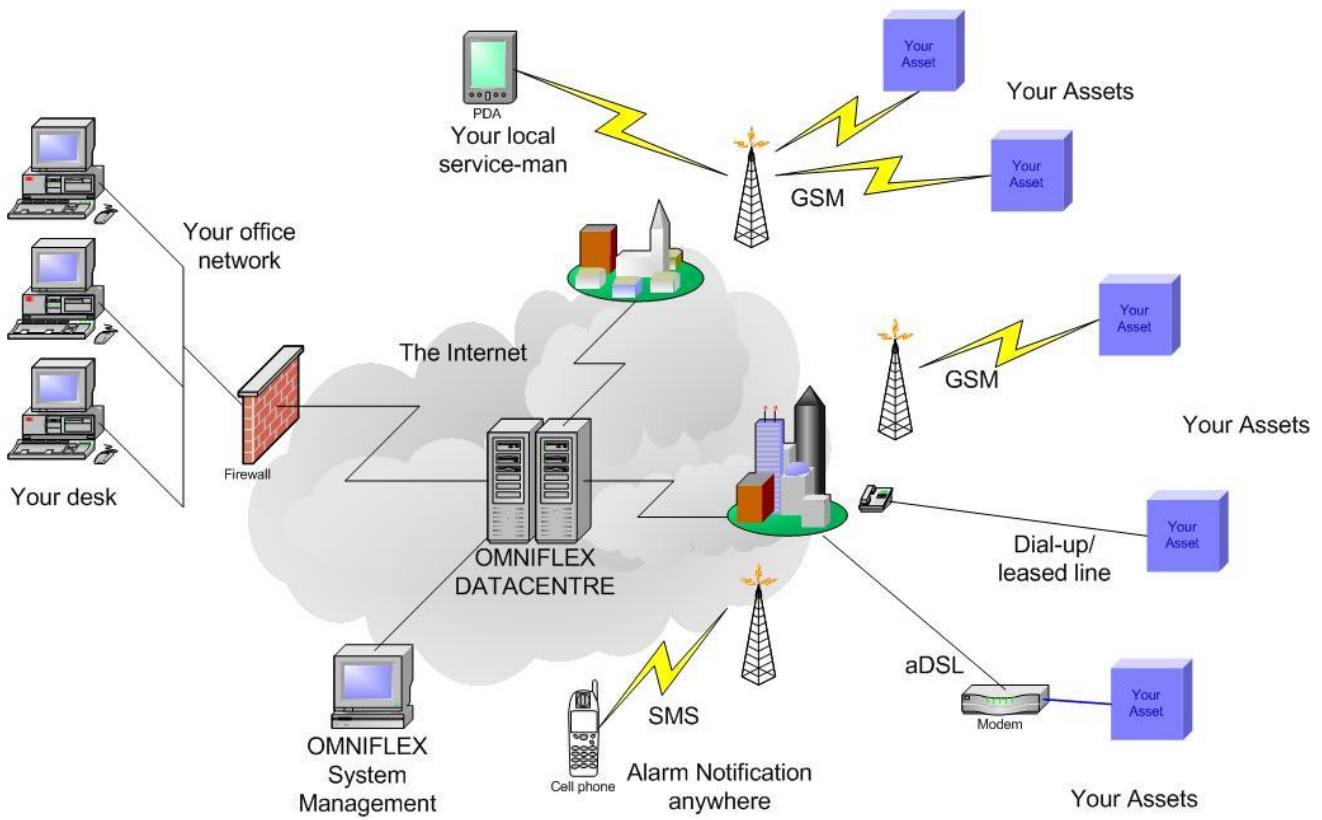
PRODUCTION MONITORING

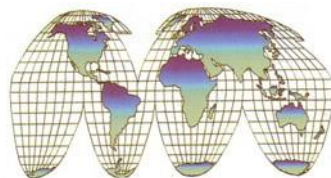Efficiency monitoring, batch reporting, stoppage alarms, shift reporting.

MOBILE ASSET TRACKING

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

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