

Data2Desktop

Everything communicates

Data2Desktop:
Enabling remote
asset management
over very wide areas.



PROFILE

Corporate 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.

Through our world wide partner network, we specialise in providing solutions to industry in the fields of Remote Data Acquisition and Control, Alarm and Event Management and Signal Conditioning.

These proven solutions are being relied upon every hour of every day by major corporations around the world.

Omniflex now brings this depth of experience and technology to the new field of "M2M" communications.

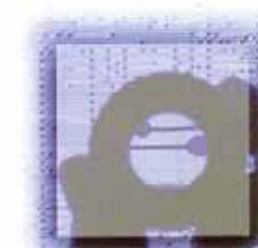
Whether it is one point or ten thousand points, there is an OMNIFLEX solution to your need. Hallmarks of these solutions are reliability, flexibility, and ease of use, which synergise to become your trusted eyes and ears, providing real-time information to assist you to better manage your business.

An investment in solutions that carry such a large responsibility requires confidence in our track record, and the continued expansion of some of the world's giant industries using OMNIFLEX technologies, is sufficient testimony to this support.

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

www.omniflex.com/d2d

*your link to reliable solutions in remote asset
management.*



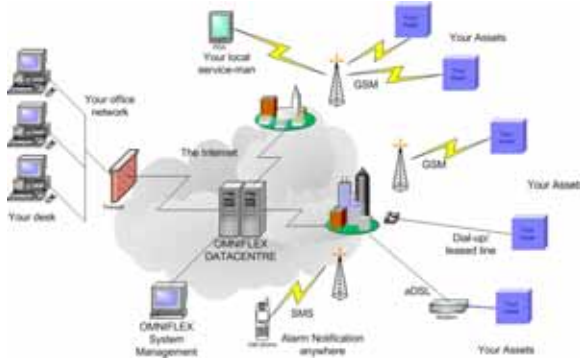
STRATEGY

Get the most from your remote assets

What is M2M?

“M2M” stands for “machine-to-machine” and “man-to-machine” communications. M2M is the name given to a new growth market surrounding the networking of machines and devices that pervade our everyday lives. The universal concept in all “M2M” applications is communication with machines without geographic boundary.

M2M essentially represents a new way for you to manage your remote assets, no matter where they may be located. Managing these assets in real time can provide you with a real competitive advantage.



Why Now?

The two biggest technologies that are coming together to make M2M a commercial reality are the Internet and the mobile phone infrastructure.

The dramatic growth of the mobile phone market has created an extensive infrastructure that is ideal for “M2M”. This infrastructure is reaching critical mass. The first wave of users for this mobile technology has been human. The second wave of users, predicted to be bigger than the first, will be machines.

And it is available now.

How can this help me?

M2M technology allows information from your remote assets to reach the right people more quickly, and allows those people to remotely optimise those assets for the optimum return.

Organisations that have deployed M2M solutions report lower costs, faster response times, better service, and most importantly - higher revenues.

In fact, M2M technology provides the opportunity to not just improve your efficiency, but to radically change the way that you do business.



Who supplies M2M?

Implementing a wireless M2M solution requires the services of a Wireless Data Provider or WDP.

The role of the WDP is to coordinate all of the technologies and services required to implement a successful M2M project, providing a full end-to-end solution with a single point of contact and support.

This involves many disciplines from signal interfacing to Information Technology, so it is important to choose a partner that has not only got the communications technology, but who is also experienced in all other facets from the equipment interface to the data presentation.

Can you sleep easy knowing that your assets are performing to their optimum?

SOLUTION

Data to your Desktop...

What is Data2Desktop?

OMNIFLEX has created a unique suite of solutions to allow you to take full advantage of the opportunities created by this new M2M capability, enabling reliable and affordable remote asset monitoring, management and control over very wide areas.

This suite is called **Data2Desktop** and combines all the elements of a successful M2M implementation into a coherent end-to-end solution that is ready for deployment in your enterprise today.

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

Data2Desktop
Everything communicates

Using **Data2Desktop**, **OMNIFLEX** can relieve you of engaging the complexities of M2M in your implementation, providing you with a rapid and efficient M2M deployment.

Data2Desktop turns your organisation into a real time enterprise, creating possibilities for achieving double-digit growth, service force productivity improvements of 20 to 30%, dramatic and quantifiable customer retention improvements, as well as real returns on service investment

Data 2 Go

And when you are out of the office, the integrated **Data2Go** service provides you constant contact, keeping you in touch and in control, in real time.

Data2Go

D2D – using M2M to improve your business



SOLUTION

...from trusted partners

Omniflex

Omniflex is a leading provider of M2M based solutions for remote monitoring and control over very wide areas.

We combine our extensive in-house industrial measurement, control and communications expertise and experience with partnerships from the telecommunications and IT sectors to bring you the first complete solution to connect data seamlessly from the sensor to your desktop.

Omniflex provides unique solutions to allow your organisation to take full advantage of the opportunities created by this new technology.



A partnership with OMNIFLEX in the implementation of M2M can create lasting benefits for your organisation.

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

D2D – using M2M to improve your business



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.

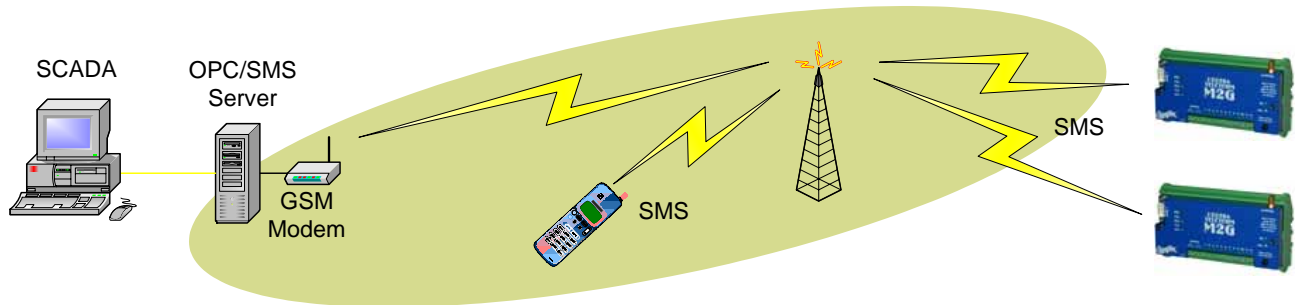


MOBILE ASSET TRACKING

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

How does it work?

SMS COMMUNICATIONS TO SERVICE PERSONNEL AND/OR SCADA SYSTEM



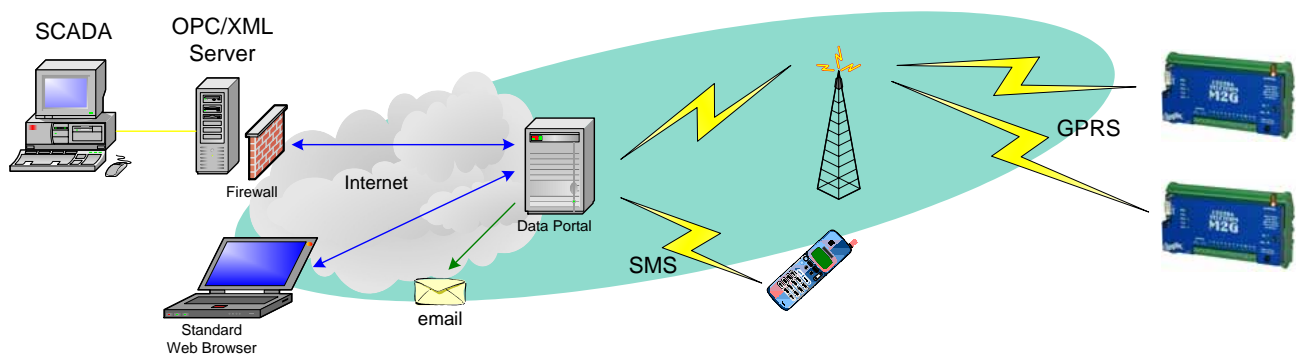
Features

- Minimum infrastructure overhead costs
- High cost of SMS messages
- SMS Messages not guaranteed, nor traceable.

Applications

- Best for very low message incidence and non-critical alarms.

GPRS DATA COMMUNICATIONS WITH WEB-BASED DATA MANAGEMENT



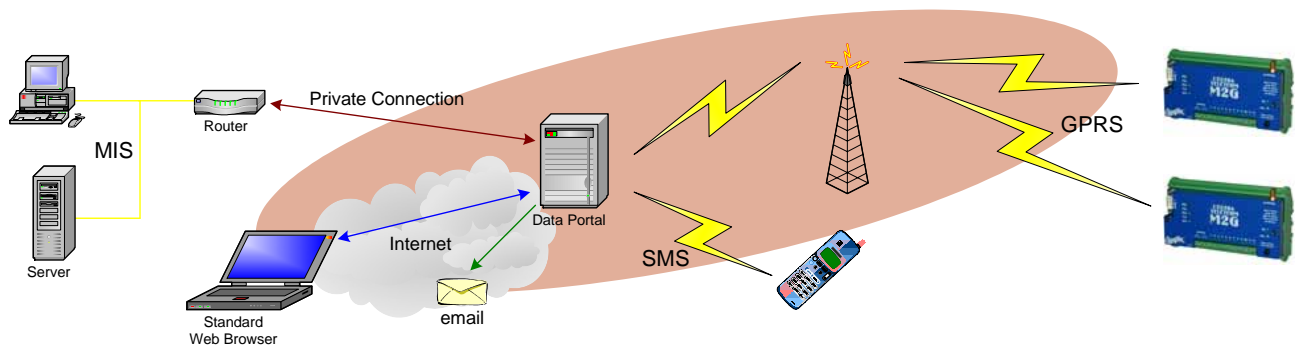
Features

- Low infrastructure overhead costs
- Reliable low cost message transport
- Full web based message tracking and remote control.

Applications

- Best for remote monitoring, control and alarm management reporting.

GPRS DATA COMMUNICATIONS WITHIN FULLY PRIVATE NETWORK INFRASTRUCTURE



Features

- Reliable low cost message transport
- Direct data access on company intranet.
- Off-site message buffering and backup

Applications

- Best for applications requiring high data traffic volumes and/or very large numbers of RTU's.

ARCHITECTURE

What you need to know...

The Technology Framework for Enabling Remote Asset Management



B E N E F I T S

The Profit Motive

Why Network?

M2M essentially represents a new way for you to manage your remote assets. In today's world "village" these assets can be spread over large geographic areas. Better managing these assets in real time can provide you with competitive advantages such as:

- Lower operating costs
- Faster response times
- Better Service levels
- Higher Revenue

For years now, organisations have been steadily increasing the amount of intelligence that surround their machines, using embedded computer technology and measurement instrumentation to make these machines "think" more for themselves.

A natural extension of this intelligence is the harvesting and interpretation of this data as a basis for strategic advantage. This can make any business more efficient, more competitive, and more profitable.

In many cases, the advantages on offer go beyond mere business process improvement, and allow organisations to re-invent the way they do business.

As an example, the first players to close the loop to the customer will own the information feedback, and it will be hard for competitors to displace them.

Embrace the paradigm shift and reap the reward.

"For enterprises that use embedded mobile, there is the potential for greater efficiency, improved business processes, and innovative business models. The net results: lower costs, faster response times, better service, and most importantly – higher revenue." [Deloitte Research]



R E T U R N S

Return on your Investment

Outsource your data

Conventionally, the cost of implementing remote monitoring systems is prohibitive. Not only is the capital outlay substantial, but the technical expertise required to co-ordinate all disciplines necessary to successfully implement such a system is beyond the capability of most commercial enterprises.

Data2Desktop removes these obstacles by providing a service oriented infrastructure that does not tie up your capital or require in-house technical expertise to implement. In short, you leave **OMNIFLEX** to manage your data collection, while you get on running your business.

This model follows the trend of outsourcing non-core activities and falls in line with other essential services such as telecommunications and other utilities. No longer is it possible to justify the ownership of the increasingly complex infrastructure necessary for wide area data acquisition.

A partnership with **OMNIFLEX** in the implementation of M2M can create lasting benefits for your organisation.

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

The big risk is the delay in taking action
- not the technology



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Solutions by Design