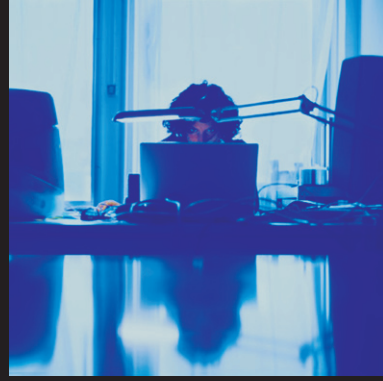


# CAPLUM WEB



**TOOLS TO MANAGE  
MODERN CABLE  
INFRASTRUCTURE**

# Caplum WEB manages your network cable infrastructure efficiently; providing a stable base on which to run your network.

## Why Cable & Infrastructure Management?

Since the introduction of structured cabling, businesses have become critically dependent on their network infrastructure for all of their communication needs. Networks have become ever more complex in scale, speed, service delivery and convenience. They are a diverse assortment of media, infrastructure hardware and software, supporting an array of end user devices delivering potentially unique services to every individual.

Networks are complex, expensive and business critical, but not, unfortunately, trouble free. Problems happen at any time and perhaps your experience, like many, is that **Cabling invariably accounts for more than 50% of network issues.**

Also, with IP networks becoming more ubiquitous, and user devices becoming more personalised, it is now more critical than ever that you know what is connected to your network and where. Asset control and tracking as well as network security management are increasingly becoming the key performance measures for organisations worldwide. Leading industry analysts refer to it as the VoIP challenge, **VoIP may bring cost savings - but only if you control your assets and access.**

Implementing and managing these new networks and services needs appropriate management and control. The reality is that for most organisations they also need to be integrated alongside existing networks and services so the workload involved in planning and managing them increases another layer in complexity and effort.

It is inevitable that without appropriate management

- It will take longer to perform every job in your network and cost you more.
- Planning and disaster recovery is nearly impossible.
- Unnecessary equipment will be installed when the resources may already be available in the network.
- You will become reliant on vulnerable and error prone data sources, be they the memories of long term staff and / or an array of disparate manual records, spreadsheets or simple data base systems with no commonality.
- Your service provision and responsiveness will be lower than you could otherwise achieve.
- You will not have full control of your network – it is likely to be controlling you, your resources and your ability to develop it.

Industry research indicates that for every 500 employees a company has, network downtime costs over £200,000 per annum in lost productivity.

**In short you will be wasting your financial and human resources, providing a poor level of service and inevitably feeling overworked and under resourced.**

## How Can Caplum Help?

Caplum is by far the leading Cable Management System in the UK and will allow you to

- Capture the data from your entire network, including all data, voice and fibre circuits, network and user equipment,
- Display it in a user friendly, graphical, manageable way in predefined or user configured format.
- Plan, manage and implement your network changes and evolution
- Immediately assign work orders to the right personnel at the right place, then monitor and report on their performance
- Define your Service Level Indicators and report against them – in whatever format you choose

It will deliver benefits such as:

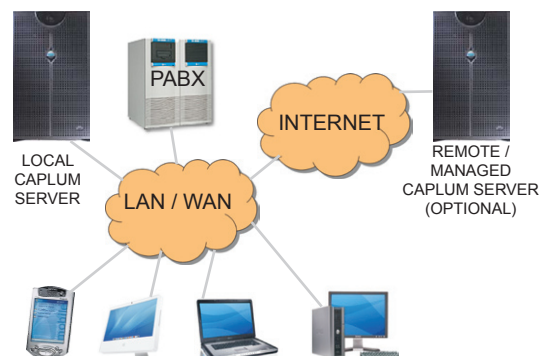
- Automatic and optimum circuit routing – immediately and accurately from trusted data.
- Automated PABX Programming – no duplication of records or effort.
- Reduced operating costs and downtime – no wasted investments or resource
- Less troubleshooting, faster response and implementation of new services – improve your performance
- Improved utilisation of all IT assets – improve your bottom line
- Improved performance from complete end-to-end network infrastructure visibility, management and control

You will immediately be able to improve overall efficiency, reduce costs and control your network with more confidence and less pressure

## Why Caplum WEB?

CAPLUM has the largest installed base of any Cable Management System in the UK and has been installed at more than 300 sites in the UK and Ireland for a wide variety of organisations whose cable management requirements vary significantly. From campus sites, such as Oxford University, to major corporations, as well as governmental and military departments, CAPLUM meets its users' requirements.

From this foundation we have developed our new WEB based version of CAPLUM, which runs as a web application only requiring the user to have a web browser to operate it. As such it is unique in the portability, familiarity, speed and flexibility of access it provides to users. It can be run over the internet via our managed server or your own on site server. It can be accessed by any authorised user, with different levels of security access, from a home or office PC, a laptop or even a PDA on the move. This in turn reduces the running cost of the system to a minimum and because it is so easy to use, encourages it to be used increasingly as a key management tool.



CAPLUM is designed to control and manage all parts of a cable network. Recording all the data utilising scalable SQL database architecture. As an OSS, CAPLUM manages all the requirements of a private network operator, integrating structured cabling, data and voice networks, fibre, local and wide area networks and multiple buildings and sites. It will manage ancillary equipment such as private circuits or CCTV, and will equally support legacy and current infrastructure and allow you to evolve new IP based infrastructures, with the potential for full asset management.

By managing your network with CAPLUM you can reduce your network running costs, manage your assets, track and control all changes within your network. CAPLUM allows simple step by step functions to automate and control day to day processes. Screens, records and reports can be configured to your choice and will interface to other packages that you may have established.

CAPLUM is a truly 'OPEN' system, allowing complete end-to-end management and control of your network, cabling or ancillaries.

- It is completely independent of any physical infrastructure and will work with any network, however complex.
- It records changes when, where and by who made the change.
- It ensures the latest cabling records are instantly available to users. With CAPLUM, users are assured that the records are up to date and accurate.
- It will interface into 3rd party systems such as
  - an intranet to give a fully automated request facility as well as regular email updates and completion information
  - higher order management systems for common reporting
  - PBX's for common database entry and management
  - Databases or Spreadsheets to import / export records and reports
- It will provide complete Project Management and tracking of works instructions through to completion with automated reports as defined by you (or us).
- It allows customisation of the screens, data input and data output.

## Key Features

CAPLUM is designed to work in all private networks. With this in mind we have made the product modular allowing customers to choose the modules they will use today and enabling them to upgrade as they require further functionality.

CAPLUM is designed to automatically route circuits (with manual override) through the cabling network, allowing management of the moves and changes to be an administrative task rather than an engineering function.

CAPLUM is fully password-protected with user definable levels of access. Users can be restricted by discipline, location and function. All data is transmitted via 128bit encryption to ensure data security.

Display language is selectable for each user's account allowing multilingual operation on the same database.

Where ever possible CAPLUM will represent the data in a graphic form to allow ease of use, as you can see from the 19" rack display below, showing patch panels, data equipment, data chassis, blanking panels and wire management. This is an active display and will update as the records change. You can also click on any part of the display to drill down further in to the network detail.



Below is the pictorial view of a Krone LSA jumpering block, with the jumpered circuits displayed in a different colour, clicking on the circuit will display the routing of that circuit.

Data is accessed by a tree view to allow visual navigation of your network allowing the user to change the network from within this visual display.



Digital photographs can be attached to any location for additional information.

## Add on Modules include : Works Orders

For additions, moves and changes, CAPLUM not only records what has happened but also drives and monitors outstanding work. The Works Order System can also be used to record and progress telephone, data equipment and a host of other services. The result is a comprehensive tool that gives analysis and order history.

## Fault Reporting

CAPLUM has a fault reporting module which records outstanding faults, allocates engineers, records and monitors travelling, on-site and fault completion time, and provides analysis of response times and fault types. SLA's are supported.

At each stage of Faults / Works Orders automatic emails can be sent to keep the user informed of the progress and customised screen reports can highlight exactly what you need to know, precisely when you need it.

# Two ways to own Caplum, you choose the route!

## On Your Server

Lower on going maintenance costs  
In your network and under your direct control  
Can follow your corporate standard  
Easier to interface to third party systems

## On a Managed Server

No start-up costs, no capital spend  
Fixed maintenance, support and upgrade costs  
Disaster recovery built in  
Backup  
UPS  
Ideal for smaller / distributed sites  
Can be accessed from anywhere worldwide



You can always switch either way at a later date.

### PABX Interface

CAPLUM links into your PABX; with this interface it can assign and remove extensions, saving time on double entry of data. An automatic PABX to CAPLUM audit is run to ensure data integrity. This also allows CAPLUM to maintain a directory of accurate telephone numbers.

### Data load / audit

If you don't have resource or time to install and load a new system, then we will do it for you and present you with a fully operational system at absolutely no inconvenience or disruption to you or your operation. We have developed unique and specific tools to detect and log all parts of a cable network so that we can deliver CAPLUM fully loaded with customer's network and cabling details. Most paper records, although they inevitably contain inaccuracies, usually supply enough information to provide a framework for loading CAPLUM. CAPLUM highlights duplications and omissions, allowing partial information to be loaded and individual areas to be targeted for verification.

Where records are messy, inaccurate or missing, a CAPLUM Site Audit can be used to establish an accurate record of existing cabling infrastructure and connectivity.

The CAPLUM Project Installation Service has been developed to meet a growing need for assistance in the recording, monitoring and management of cabling installations. We can provide you with a full turnkey solution which includes installation of CAPLUM, gathering the data and loading it.

### Support

Ardlin Systems believes that a system like CAPLUM is a living, growing entity that needs constant enhancements to keep pace with a fast moving industry. As with all of our systems, we provide CAPLUM on an annual licence basis.

■ Telephone and on-line Internet support from a dedicated support team Monday to Friday 9am - 5.30pm. All calls are logged and documented to ensure quality of service.

■ Access to our dedicated support web site, with information, discussion forums, problem reporting and downloads.

■ Free software upgrades. This means that you will never have to pay for an upgrade again.



The cost of this support package depends on the number and sizes of modules purchased, and the number of concurrent users.

### CAN YOU MANAGE WITHOUT?

300 sites can't be wrong. Pre Caplum they, perhaps like you now, were managing their network, be it by memory, spreadsheet or simple in-house databases. They were concerned about the effort it would need to record and load the data, the costs of buying it and the practicalities of using the system and keeping it up to date.

But they realised the benefits of using Caplum, to proactively manage their network, to control and evolve it as and when they want to. Like them you too can immediately **SAVE TIME, SAVE EFFORT, SAVE MONEY and IMPROVE YOUR SERVICE.**

With CAPLUM WEB, CAPLUM AUDIT and CAPLUM SUPPORT you can have unique flexibility and ease of access and reporting, on your terms. We can do the work for you, you don't even need a capital budget to buy, and we will be there to start and support you.

Discover the potential in your network .....with CAPLUM WEB.

# ARDLIN SYSTEMS

### ARDLIN SYSTEMS LTD

Unit C8 Weldale Street  
Reading Berkshire  
RG1 7BX England

Tel +44 (0)118 956 0355  
Fax +44 (0)118 958 1435  
USA +1 (610) 624 1501  
Email Sales@ARDLIN.NET  
Web WWW.ARDLIN.NET

