



## The Solution to Physical Layer Management

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# Infrastructure Management

An IT Infrastructure Management system is required if organizations are to be able to provide infrastructure visibility, manage accurate change control and meet corporate compliance, governance and security requirements. Organizations need the ability to consolidate all infrastructure information in a single, standard repository to ensure accurate and efficient change planning, control, visibility and reporting of the entire physical IT infrastructure. An IT Infrastructure management solution must be highly scalable, global in scope and adaptable to any environment, but it must also be easy and intuitive to use and provide access to information wherever it's required.

## The CableSolve Solution

CableSolve solves the problem of IT infrastructure management. CableSolve combines powerful, feature-rich, client, server and web applications with the highly advanced CableSolve data capture handheld. The ability to view and then accurately add and update records on the CableSolve handheld in 'real-time' when an infrastructure change is made is critical to effective management and control.

CableSolve can record the entire physical infrastructure, including asset and location information as well as power and data connectivity. CableSolve can query assets such as SNMP power devices and servers to provide an up-to-the-minute view of the entire infrastructure. Visual dashboards of capacity and historical trends present this information in the exact format required.

Companies that use CableSolve say a key reason is their ability to use the information within CableSolve to reduce operational overhead and significantly improve infrastructure management service levels. Individual users of CableSolve say that having access to the entire database of records in the palm of their hand, makes them more efficient and effective than before.

## CableSolve is used in data centers, work-areas and campus environments.

In the data center, CableSolve manages the entire equipment life-cycle from capacity planning to asset installation, commissioning and monitoring. In the work-area, the inventory management and work-order module of the desktop and handheld go hand-in-hand to ensure that, even when there are thousands of items to be deployed, or whole floors of people to be moved, the system guides and most importantly, records everything as it happens. CableSolve is able to document and manage Campus network infrastructure as it is routed through conduits and inspection points.

### The Power to Manage

Infrastructure Information

### Integration

The CableSolve web services XML API allows full read and write capability to the CableSolve database, ensuring integration with an organization existing systems. CableSolve provides a central location to initiate remote access to any equipment, removing the need for multiple access lists.

### Extending

CableSolve has a powerful built-in scripting engine. Scripting allows organizations to enhance and extend the core CableSolve application. Scripts can be triggered on change, run periodically or on demand. Scripting can be used to query and record external SNMP or WMI sources or internal data to summarize and consolidate information. This can include data center statistics such as DCIE or PUE. SNMP scripting can be used to send remote commands to equipment.

### CableSolve Configurability

An underlying principle behind CableSolve is that every organization has different requirements when it comes to the data they wish to store. CableSolve permits the use of completely customizable attributes and templates so that literally anything can be recorded and managed. CableSolve is simple and straight-forward to configure/customize to meet your exact information requirements.

### Standardize Records

CableSolve consolidates and standardizes multiple types of information including: purchase, asset, location, historical, ownership, support, connectivity and configuration information. With CableSolve, the data can be imported and managed within a single, secure, structured database and can be viewed across the entire enterprise. Often CableSolve can replace multiple stove-pipe vendor tools.

### Planning and Control

Planning change with CableSolve can be quick, simple and accurate. Visibility of information, including user demands for equipment, current and planned assets, availability of space, power and network access all in one system ensure informed decisions are made. CableSolve supports a practical work-order system that allows multiple steps to be defined for each change.

### Holistic Management of the IT Infrastructure

STANDARDIZATION	PLANNING	CONTROL	INTEGRATION	MONITORING	REPORTING
Single repository Single data dictionary	Change management Capacity views Historical data	Work orders Handheld capture Scripting Network Discovery	XML API SNMP/WMI	Dashboards Alerts Data center views	Dashboards Custom Reporting Historical Data

CableSolve  
Web • Client • Imports • Handheld capture • SNMP/WMI • Scripting • API

## Discover and Add

CableSolve has multiple methods for adding equipment and connectivity. It can be as simple as adding data on the desktop client, but CableSolve also has complete add, connect and audit functionality built into the handheld. This means that it is possible to create and fully document equipment in the work-area or data center from the CableSolve handheld. Other methods for adding data include imported spreadsheets, SNMP discovery or the web services XML API.

## Power and Data

Full power and data connectivity is recorded within CableSolve. This provides the ability to view paths of connectivity, to confirm redundant paths and to view power utilization data at any level within the infrastructure.

## Rack and Plan Views

CableSolve supports rack and plan views of the infrastructure. CableSolve overlays and automatically updates equipment on graphical views as the equipment moves within the infrastructure so there is always a visual representation of exactly where things are. All graphical views are fully supported on the handheld. Capacity information can be overlaid on plan views to visually show current capacity using both static and network queried data.

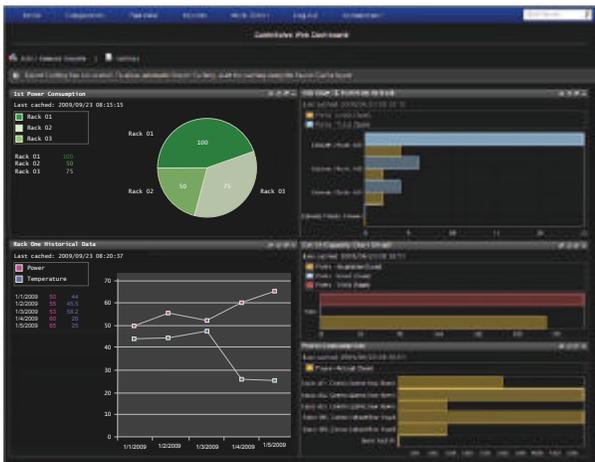


## Monitoring and Reporting

Infrastructure information is available in a wide variety of formats including customized dashboard views, graphical representations of the data center and its current capacities, and scheduled reports e-mailed directly to users. CableSolve supports a fully integrated user customizable reporting and export system.

## Multi-Platform Access

The way people access information is changing; that is why CableSolve supports access from Smartphone and Tablet devices, including Apple, Android and Blackberry models.



## Facts about CableSolve

- Typical ROI for CableSolve is less than 8 months.
- CableSolve is used by companies in multiple market segments including: Government, IT, Health, Transportation, Telecoms, Military and IT Service management
- The world's largest companies in IT services, networking equipment and media all use CableSolve.
- CableSolve is sold and supported on 5 continents.

## CableSolve Business Benefits

### Trust

The CableSolve handheld ensures engineers are efficient and accurate in managing change. They don't need to spend time auditing what is currently in place before being able to plan further changes. With up-to-date records, changes can be planned and approved right from the desktop and executed on the handheld.



## Total Visibility

Visibility and Control of the entire IT infrastructure is achievable with CableSolve. With complete visibility, corporations will achieve significant staff efficiencies, far fewer problems with equipment and infrastructure management and fewer outages caused by incorrect change or capacity problems. Ultimately, visibility of information drives greater data center efficiencies leading to a more productive, greener data center.

## IT Infrastructure, Assets and Connectivity - the Physical Layer

CableSolve successfully brings together all aspects of physical layer control, providing required management information using a unique combination of handheld, server, desktop, web and API functionality. CableSolve can support ITIL initiatives and with the configurability of its database can act as the CMDB for the infrastructure.

**Complete, Portable,  
IT Infrastructure Management**



### Green Management

Many organizations today strive to be greener, but to do so, they must have baseline records and a means for monitoring changes. CableSolve ensures companies know on a daily basis their power consumption and heat output, allowing them to make and measure the changes (and savings) for tomorrow. The adage "You can't manage what you can't measure" has never been truer.



### CableSolve Certified Solutions Provider

Cormant Technologies has partners on five continents to support customers. The CableSolve partners are able to assist with CableSolve evaluations and proof-of-concept deployments and then supply customers a full range of components including software, handheld devices, labels, training, consulting and auditing services. All systems are designed to get new customers up and running as soon as possible and keep existing customers running smoothly for years to come.



### World Class Support

CableSolve is offered with an annual preferred support contract which provides access to all major and minor CableSolve releases. Local CableSolve Certified Solutions Providers are the first line support for CableSolve. They are backed by the Sales and Support Groups at Cormant Technologies to provide world-class pre-and post-sales support, including a 24-hour customer support desk.



### Training

A range of CableSolve technical education courses are available from basic user training to advanced scripting. Customized courses can also be arranged.



Certified Solution Provider

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