CORMANT-CS
Infrastructure Management



DCIM and Beyond

The Solution to IT Infrastructure Management

Infrastructure Management

An IT infrastructure management system is required if organizations are 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. It must also be easy and intuitive to use and provide access to information wherever it is required.



The Cormant-CS (formerly CableSolve) Solution

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

Cormant-CS can record the entire physical infrastructure, including asset and location information as well as power and data connectivity. Cormant-CS 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 Cormant-CS say a key reason they like Cormant-CS is their ability to use the information within Cormant-CS to reduce operational overhead and significantly improve infrastructure management service levels. Users of Cormant-CS say that having access to the entire database of records in the palm of their hand, makes them more efficient and effective than before.

Cormant-CS is used in data centers, work-areas and campus environments.

In the data center, Cormant's Data Center Infrastructure Management (DCIM) solution 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. Cormant-CS is able to document and manage campus network infrastructure as it is routed through conduits and inspection points.



Standardize Records

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

Planning and Control

Planning change with Cormant-CS 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 ensures informed decisions are made. Cormant-CS supports a practical work-order system that allows multiple steps to be defined for each change.

Integration

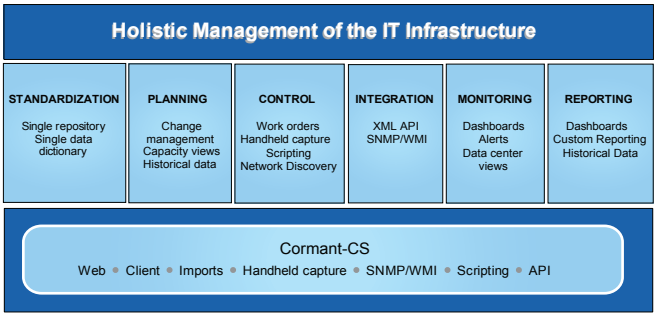
The Cormant-CS web services XML API allows full read and write capability to the Cormant-CS database ensuring integration with an organization's existing systems.

Extending

Cormant-CS has a powerful built-in scripting engine. Scripting allows organizations to enhance and extend the core Cormant-CS 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.

Cormant-CS Configurability

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



Discover and Add

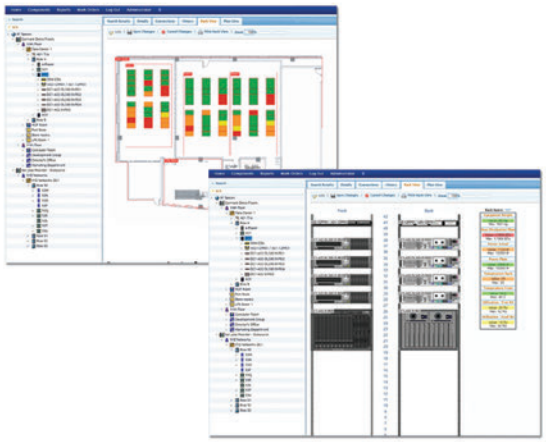
Cormant-CS has multiple methods for adding equipment and connectivity. It can be as simple as adding data on the desktop client, but Cormant-CS also has complete add, connect and audit functionality built into the handheld. This means that it is possible to create and fully document equipment in the work-area or data center from the Cormant-CS 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 Cormant-CS. 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

Cormant-CS supports rack and floor plan views of the infrastructure. Cormant-CS 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. Capacity information can be overlaid on floor plans 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, historical views, and scheduled reports e-mailed directly to users. Cormant-CS supports a fully integrated user customizable reporting and export system.

Multi-Platform Access

The way people access information is changing; that is why Cormant-CS supports access from smartphone and tablet devices, including Apple, Android and Blackberry models.



Cormant-CS Business Benefits

Trust

The Cormant-CS handheld ensures engineers are efficient and accurate in managing change. They don't need to spend time auditing what is currently in place before planning 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 Cormant-CS. 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

Cormant-CS 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. Cormant-CS can support ITIL initiatives and with the configurability of its database can act as the CMDB for the infrastructure.

Green Management

Many organizations today strive to be greener, but to do so, they must have baseline records and a means for monitoring changes. Cormant-CS 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.

Complete, Portable, IT Infrastructure Management

www.cormant.com

Cormant-CS Certified Solutions Provider

Cormant has partners on five continents to support customers. The Cormant-CS partners are able to assist with Cormant-CS 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

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

Training

A range of Cormant-CS technical education courses are available from basic user training to advanced scripting. Customized courses are also available.

Implementation

Purchasing world-class IT Infrastructure Management software is only part of the solution to ensuring that the infrastructure is truly managed and that benefits are realized. At Cormant we have a "tried-and-trusted" approach to ensuring a successful implementation. We begin by working with you to define and document your implementation goals. We then define and document the post implementation process. With these we drive the implementation process. During implementation regular checkpoints ensure the end result is precisely what was expected.

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