

## Colubris Visitor Management Tool

Many enterprises have realized the benefit of deploying wireless access for its employees—giving individuals mobile access to email, the Internet and network resources both inside and outside of the office. However, this valuable tool is not always extended to non-employees on-site, such as partners, contractors, customers and consultants, because of concerns around control and security. The Colubris Visitor Management Tool unlocks the power of wireless access for the entire enterprise by allowing for the secure, simple set up and management of wireless access for those visiting the organization.



### Key Features:

- Simple centralized creation of guest and visitor accounts from any Windows computer
- Works with the award-winning Colubris Intelligent Mobility System to deliver easy-to-use wireless visitor Internet access service
- Intuitive user interface designed for receptionists and clerical staff with minimal training
- Centralized, real-time management of visitor accounts and sessions
- Configurable visitor session duration per account
- Loads visitor account into Colubris MultiService Controller for strong security policy enforcement
- Creates access vouchers that can be printed and handed to visitors
- Secure login prevents unauthorized account creation
- Reporting feature records all account management activity for audits
- Digital certificate secures all communication between VMT and MSC
- Embedded database facilitates backups and data export

### Simplified Creation and Management

Enterprises have traditionally shied away from sharing their Wi-Fi infrastructure with guests or visitors since securing the internal corporate network and managing the bandwidth and quality of service for a multitude of users can be daunting. The Colubris Intelligent Mobility System (CIMS), provides enterprises with award-winning Public/Guest Internet access that can be easily managed through the Colubris Visitor Management Tool (VMT), without compromising the security and performance of other applications.

Designed for use by receptionists and administrative staff, the VMT features an intuitive user interface. A New Account wizard provides a step-by-step method for creating visitor accounts. With just a few clicks of a mouse, the VMT generates a visitor profile and prints an access voucher that enables the visitor to get online.

The VMT dashboard provides an at-a-glance display of visitor accounts and enables the user to adjust sessions in real-time. Visitor sessions can be easily deactivated before their scheduled expiry, or extended as needed to suit the visitor's schedule.

Typically deployed by the Network Administrator on one or more PCs, the VMT gives the Administrator full control, ensuring that only authorized staff can create Visitor accounts. Access to the VMT is secured by user name/password login and all network communication between the VMT and CIMS is secured with a digital certificate.

The VMT makes it easy for the Administrator to customize the guest access service. The look and feel of the guest access voucher can be customized with a corporate logo and a "terms of usage" notice. Parameters such as how long the wireless access is valid and the maximum connection time are easily adjusted based on individual user requirements and corporate policies.

**Certificate Authority Creation Wizard**

**Step 1/2: Specify distinguished name information.**  
The certificate will be used to secure communications with all MSCs.

The distinguished name is used to uniquely identify the owner of a certificate.

Choose your country:

State or Province:  Locality:   
*(city, township, or geographical region)*

Organization:  Organizational unit:   
*(company or organization name) (unit within the organization)*

Common name:  Email address: (optional)   
*(name of the certificate owner) (email address of the certificate owner)*

< Back Next > Finish Cancel

**Visitor Account Creation Wizard**

**Step 1/3: Define Account Details**

Select the Service Controller and VSC that the account will be created on.

Service Controller:  VSC name:

Specify a username and password. Password must contain between 6 and 7 letters or numbers. If you leave a field blank, it will be randomly generated.

Username:  Password:

Optionally, you can specify detailed information in the box that can be used to identify the visitor.

For example: Visitor details:  
Kelly Colibri  
323 Main Street  
Montreal, Canada  
kelly@kellycolibri.com  
1-514-345-6789

< Back Next > Finish Cancel

## Strong Network Access Control and Security

Once a new account has been created, the Colubris Intelligent Mobility System takes over, authenticating and securing each user session while delivering broadband performance.

Visitor traffic is securely integrated into the WLAN infrastructure, enforcing access restrictions for visitors and their devices and applying bandwidth and quality of service policies that ensure visitors do not interfere with access by employees and other users.

CIMS creates a visitor Internet access service that is designed to deliver the best possible user experience. Features include Colubris' Zero Configuration Service Interface, which adapts to any client device's IP address and Web proxy settings, plus a Web login screen for easy sign-on.

To ensure seamless applications support, the Visitor/Guest Internet Access Service features Colubris' advanced IP networking capabilities, including Adaptive NAT™, SMTP redirect and DHCP services, providing transparent support for demanding applications, such as VPN tunneling and e-mail.

In addition, support for a captive portal enables users to access special Web content. The all-in-one solution can optionally be configured to use a standards-based RADIUS interface, providing a very sophisticated alternative to the VMT for remote authentication, authorization and accounting (AAA). MultiService Controllers (MSCs) collect activity statistics that can be used to easily bill per-user by data volume and elapsed session time.

All traffic and/or users can be mapped to specific VLANs, limiting access to specific network resources. At the same time, QoS policies eliminate competition for limited WLAN bandwidth between the guest and internal services that are sharing the network, ensuring consistent quality and performance.



Colubris MultiService Controllers

## Simplified Deployment and Operation Through Colubris MSCs

The VMT works in conjunction with Colubris MultiService Controllers, which are the central nervous system in the Colubris Intelligent Mobility System (CIMS). The MSC automates discovery, authentication and configuration with a group of MAPs, resulting in a trouble-free deployment in geographically distributed networks. Using standard dynamic look-up procedures, MAPs identify the MSC to which they are assigned and using digital certificates assure security and eliminate the risk of rogue access point connectivity. Once authenticated, the MSC establishes an encrypted tunnel for exchange of configuration and control information with the MAP.

The MSC also provides centralized management for all MultiService Access Points (MAPs) in its mobility group. It eliminates time-consuming access point configuration, trouble-shooting and maintenance tasks by providing a single management interface. The MSC automates the installation of access point software upgrades and ensures a consistent set of services are delivered throughout the network. All security, quality of service and other policies can be centrally defined through the MSC's intuitive and secure web GUI.

## Supported Colubris MultiService Controller Platforms

The VMT is fully supported by the entire Colubris MultiService Controller family, offering the same rich set of access control and security functions, regardless of the model selected.

## MultiService Controller Family

Features	MSC-5100	MSC-5200	MSC-5500	MSC-3200	MSC-3300
Visitor/Guest Internet Access	✓	✓	✓	✓	✓
Max # Visitor/Guest Internet Access Users	100	500	2000	100	100
Centralized Management and Plug and Play	✓	✓	✓		
Form Factor	1U Rack Mount	1U Rack Mount	1U Rack Mount	AP	AP
Network Interfaces	2 10/100/1000 Ethernet	2 10/100 Ethernet	2 10/100/1000 Ethernet	2 10/100 Ethernet	2 10/100 Ethernet
Wi-Fi Interfaces	N/A	N/A	N/A	Single 802.11a/b/g radio	Dual 802.11a/b/g radio

## Product Specifications

Visitor Management Tool	<ul style="list-style-type: none"> <li>• Strong X.509 Certificate-based authentication of Account Manager</li> <li>• Audit capabilities of all visitor profiles</li> <li>• Intuitive JAVA tool</li> <li>• Simple click account creation</li> <li>• Advanced profile creation</li> <li>• Customizable session voucher</li> <li>• Requires MSC configured with COS v5 or later</li> </ul>
Minimum System Requirements	<ul style="list-style-type: none"> <li>• PC with 1GHz or better processor</li> <li>• Microsoft Windows XP SP2</li> <li>• 512 MB of RAM</li> <li>• 100 MB of free hard disk space (300 MB if running database locally)</li> <li>• Color monitor with a resolution of 1024x768 or better</li> <li>• Ethernet connection to MultiService Controller 3000 or 5000 Series running COS v5 or later</li> <li>• Laser printer or Inkjet printer</li> </ul>



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