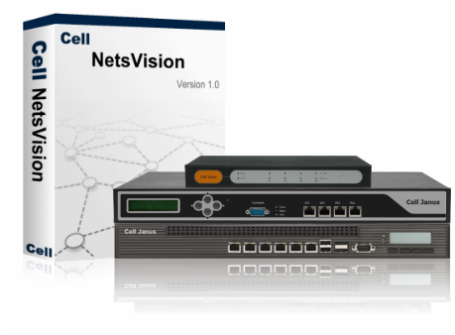
Cell Technology

# Product Data Sheet

# Cell NetsVision iCMS-Janus

Intelligent Cell Management System for Cell Janus




## Features

- Complete EMS for Cell Janus Products
- Java-Based Server-Client Platform
- 3-tiered Network Architecture Design
- Cell iPlug-in Technology for Integration of Cell Janus Devices
- Support Multi-Platform Capabilities
- Support Network Map Viewing and Inventory Management
- Support Device, Configuration and Security Management
- Powerful Network Provisioning, Traffic and Performance Monitoring
- Powerful Fault and Network Traffic Monitoring
- Powerful Event Tracking System with Alarm Notification

## Overview

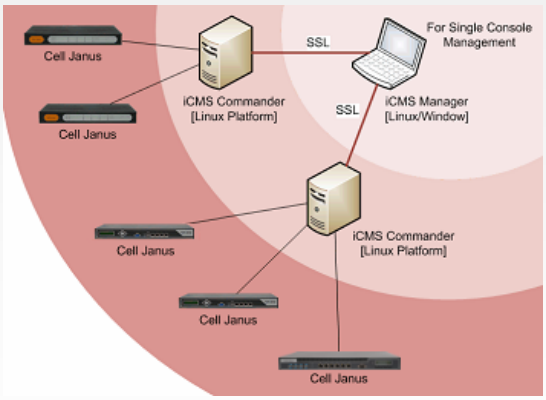
Cell NetsVision, an intelligent Cell Management System for Cell Janus Product Series (iCMS-Janus) is the complete, comprehensive and centralized Element Management System (EMS) platform for operation, administration and management (OAM) of Cell Janus in highly performance and scalability purpose. This EMS provides mainly for network visualization, fault monitoring, performance, device operation status and configuration managements for service providers.

Cell NetsVision is designed with a 3-tier system architecture and with Cell's proprietary of multiple plug-in design (Cell iPlug-in) modules for integrating Cell Janus to support the powerful capability of operating, administrating, maintaining and provisioning (OAM & P), all system logs/or events via a feature-rich Graphical User Interface (GUI) operated by a Java-based server and client based software platform under Window Operation System (OS) or Linux Operation System (OS).

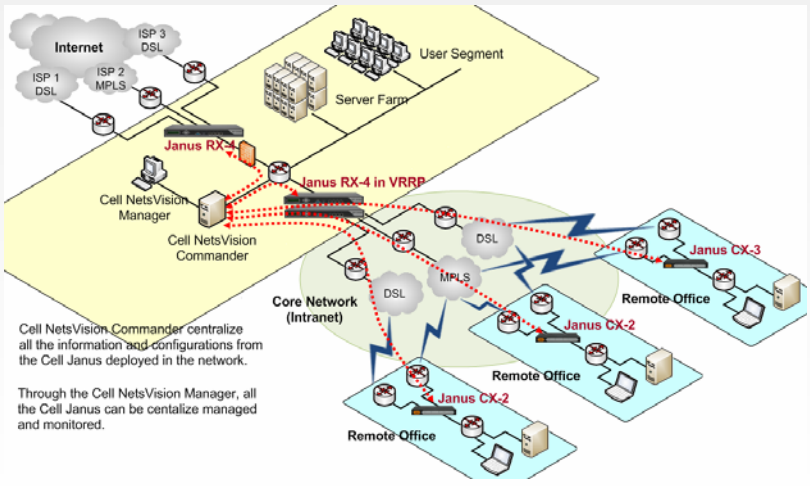
With Cell NetsVision iCMS-Janus centralized management, a large deployment of Cell Janus installed in a multi-national network infrastructure or service provider can be under network service and remote monitored at the NOC for system monitoring, devices configuration, database management, fault and alarm management and link performance monitoring.

## Application

3-Tier System Architecture for Cell iCMS-Janus




Cell iCMS-Janus Centralized Management Platform – Application



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## Intelligent Cell Management System (iCMS-Janus) Specification

**System Architecture**
- 3-tier network deployment
- Support multi-iCMS Commanders in a network and managed by a single iCMS Manager
- Support external storage system for data storage or backup
- Support external database

**NetsVision, iCMS Commander Requirement**

Standard Hardware Appliance System
- 1U Rack-mounted industrial based system
- Intel Celeron based system with 1GB RAM, 80G HDD
- EZIO full-range ATX 250W AC power
- FE*4 ports interface

High-end Hardware Appliance System
- 1U Rack-mounted industrial based system
- Intel P4 based system with 2GB RAM, 80G HDD
- EZIO full-range ATX 250W AC power
- GE*4 ports interface

**NetsVision, iCMS Manager Requirement**
- OS : Redhat Linux OS, Windows 2000/XP/Vista
- Pentium 4 or above with 512MB RAM
- 160G hard disk or above
- FE/GE network interface

**International Language Support**
- English
- Japanese*

**Device Management**
- Visualize network topology in a geography map
- Visualize real time running status of device
- Support device visualization and drill-down view

**Inventory Management**
- Manage devices inventory control with version, serial number and etc
- Warranty & Maintenance control
- License expiry email notification

**Logs/Alert Management**
- Centralize firewall security alerts from Janus
- Support Janus operation and status logs
- Query logs/alerts based on different criteria

**Problem Tracking Management**
- Automatically tracking system events for problem reporting
- Provide a help desk system for administrators to manage the problem ticket
- Record the problem solving report and summary
- Export the problem ticket to external storage
- Report the ticket update as email notification

**Dashboard Management**
- Real time log status monitor & view
- Real time server resource usage monitor & view

**Database Management**
- Scheduled backup & purge database
- Monitor database engine status
- Support external logs storage through ODBC
- Support MySQL database

**Reporting Management**
- Report by firewall alert event behavior
- Scheduled reporting, supporting Email and local file spooling
- Export to PDF, CSV*, HTML* and Text file*
- Support various customized reporting formats and styles

**Configuration Management**
- Configure Janus notification and device utilities
- Push configuration profile to multiple devices simultaneously

**Monitor Management**
- Real time detect link failure or abnormality
- Real time network traffic dashboard
- Full routing, DNS, GRE configuration monitoring
- Real time VRRP status monitoring and visualization

**User Management**
- 3 levels accesses - admin, read only and read write
- Restrict user access right down to a single port
- Allow multiple users to login simultaneously
- Record user login/logout information and all configuration action to database

**Utilities**
- Provide Ping and Trace Route utilities for troubleshooting
- Monitor system status via LCD at front panel
- Provide Command-line interface for system configuration and diagnostic

**iPlug-in Integration**
- With Cell proprietary technology design
- Unique Cell iPlug-in module support Cell Janus/ iSurfJanus product series for centralized management purpose

** in product roadmap*

## Ordering Information

**Cell iCMS-Janus Centralized Management**

Cell iCMS-Janus, Centralized Management System for Cell Janus Product Series

Ordering Model : **iCMS-Janus**

Please contact Cell Technology for network deployment design and specific ordering

**Support Cell Janus/iSurfJanus Product Series :**

Cell Janus CX Series
iSurfJanus CX Series

Cell Janus EX Series

Cell Janus RX Series
iSurfJanus RX3 Series

Cell Janus TX Series
iSurfJanus TX2 Series

**About Cell Technology**

Cell Technology headquartered at Hong Kong SAR, a network & security technology provider specializes in design, develop and deliver innovative and intelligent IP packet processing platform into software and hardware appliances. Cell product solutions including Cell IPS, UTM, Janus, TMS, NetsVision and Network Access address the business needs that optimize the IP network performance, secure the network security and resiliency, and manage the quality of IP services. For more information, please visit www.cell-technology.net.