



Verso Clarent® Class 5 Call Manager

The Clarent Class 5 Call Manager (C5CM) brings to market the critical features and functions demanded by NGN service providers in order to remain competitive. It enables incumbents and competitive carriers to offer new and advanced residential and enterprise communication services that provide a competitive advantage.

The C5CM delivers central office switch features for enterprise managed services; for wholesale, residential, and SOHO (small office/home office) applications; and for other next-generation voice solutions as well. As a key component of the Clarent Edge Access Softswitch, the C5CM offers service providers a true end-to-end VoIP solution.

The key to true end-to-end VoIP

The C5CM serves as the central call control and supplementary service management engine for the Clarent Edge Access Softswitch. It can route calls to partners' IP networks and global clearinghouses and, when combined with the Clarent PSTN Access Softswitch, it can route calls directly to the Public Switched Telephone Network (PSTN). This enables service providers to make full use of their legacy assets while greatly reducing CapEx and OpEx.

The C5CM dramatically reduces the need for carriers to pass calls through competitors' networks and incur any additional transport costs. It provides everything needed to support a true end-to-end, carrier-based VoIP solution.

Call Control for next-generation voice solutions

The C5CM provides:

- business phone and enhanced supplementary services for use in consumer and enterprise applications
- seamless interconnection for SIP, H.323 and MGCP-based edge devices including customer premises gateways, integrated access devices, IP endpoints, GR-303 and V5.2 access gateways, SIP access gateways, H.323 access gateways, and LRQ gatekeepers
- prepaid calling offerings on edge devices
- support for Verso Voice Mail, a high-performance, readily marketable solution for enterprises, small-to-medium businesses and residential customers

Scalability and flexibility

The C5CM grows seamlessly, allowing you to provision as many or as few ports as needed, and it easily scales when additional capacity is required. A single C5CM can also provide support for multiple applications within a single network design.

Voice Over Broadband

The C5CM provides feature-rich Voice over Broadband (VoBB) to enterprise and residential markets over any broadband medium including cable, xDSL, wireless, fiber, satellite, microwave, and power-line networks. You can create true satellite offices with the same access and dialing plan capabilities as corporate PBX stations by combining the VoBB and enterprise managed services features.

Compliance

The C5CM supports emergency services (E911), ensuring that calls to emergency numbers take precedence over all other incoming and active calls, and that they are not disconnected. It also supports Location Routing Number (LRN) portability, so subscribers can change service providers without changing phone numbers. In addition, Verso's Lawful Interception (LI) solution provides legally sanctioned access to private communications by authorized agencies.

Easy configuration and management

The C5CM can be deployed, configured, and managed remotely using the Clarent Element Management System (CEMS), the web-based tool used for provisioning and managing all components of the Clarent network, as well as third-party edge devices. At a component level, the C5CM supports SNMP with a comprehensive management information base (MIB). You can set configuration parameters, poll devices for performance statistics, check status information, and receive alarms, if faults occur.

It's easy to learn more

For more information about the Clarent Class 5 Call Manager and what it can do for your IP network, just call, email, or visit us online.

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