



Clarent® Announcement Server™

Tones and Announcements, On Demand.

Clarent Announcement Server delivers flexible, instantaneous streaming of pre-recorded tones and announcements to a media gateway via an Ethernet interface.



Evolutionary solution for next generation networks

The logical course of telecommunications evolution points emphatically in one direction... converged voice and data networks. Network consolidation, downward price pressure, and arbitrage opportunities are making the transition from the PSTN circuit-switching model to next generation networks crucial to the success of Tier I and Tier II providers. Designed to help facilitate this migration seamlessly while simultaneously allowing telecommunication service providers to realize their existing network investments, the Clarent Announcement Server is the core announcement-streaming element of every Clarent IP telephony solution.

Fast, on-demand, announcement control

The Clarent Announcement Server is a powerful software product that streams pre-recorded tones and announcements to a media gateway via an Ethernet interface, with the delivery of announcements under the command of a Clarent call manager. When the call flow requires tones or announcements to be played to a terminal, the call manager sends a command to the Clarent Announcement Server to create a connection between an announcement server and the terminal's transport address. This command contains the identification of the appropriate announcement, and the Clarent Announcement Server then streams the appropriate coded voice file to the terminal.

Fast, scalable announcement distribution

Announcements are simply digitized and compressed files that are stored on the hard disk of the Clarent Announcement Server. The content of these files can be recorded speeches or tones and the announcements are grouped in 'sets'. Within each announcement set, there will be subsets for each encoding, e.g. G.711, G.723, G.729, etc. Announcement sets are further subdivided into languages. The quadruplet (i.e., announcement set, encoding, language, and announcement ID) defines a specific announcement. The number of announcements that can be played simultaneously by an Clarent Announcement Server is user-definable, with a factory default value of 100. In addition to being highly scalable, users can provision several Clarent Announcement Servers to be attached to multiple call managers. A call manager has the capability to round robin through a list of attached Clarent Announcement Servers; thus distributing the load across all available Clarent Announcement Servers. The Clarent Announcement Server software runs on the Unix Sun Solaris 8 operating system. The standard hardware platform is the Sun Netra-T1 AC200 with 256 MB RAM.

- Scalable
- Easy navigation
- Customizable menus
- Secure operations



Specifications

Telco Grade Reliability and Serviceability

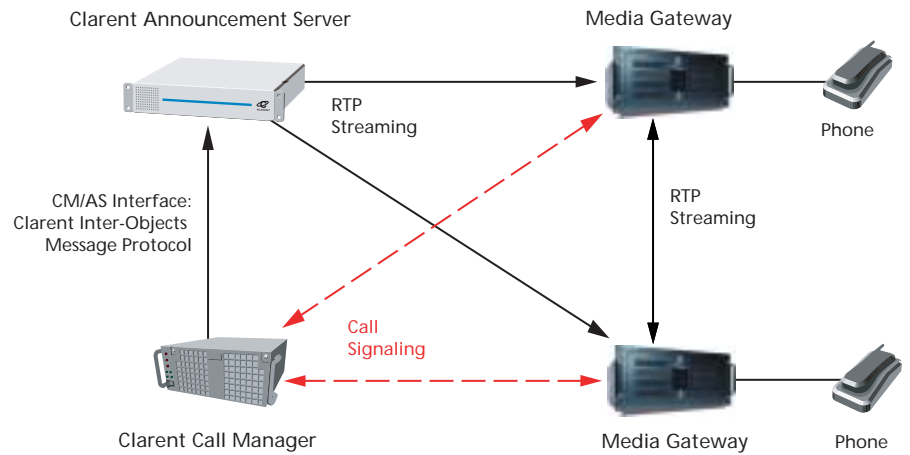
- Unix or NT
- Scalable
- Load balancing across multiple servers
- Multi-language sub division

Universal Deployment and Protocols

- Vocoders: G.711, G.723, G.729

Standard Software and Hardware Platform

- Unix Sun Solaris 8 operating system
- Sun Netra-T1 AC200 server with 256 MB RAM



www.clarent.com



CORPORATE HEADQUARTERS
700 Chesapeake Drive
Redwood City, CA 94063 USA
Tel. 1 888 CLARENT, (1 888 252 7368)
1 650 306 7511
Fax 1 650 306 7512
Email: sales@clarent.com

ASIA PACIFIC
Hong Kong
Tel. 852 2587 8862
Fax 852 2157 0388
Email: sales.hk@clarent.com

EUROPE, MIDDLE EAST, AFRICA
Milton Keynes, UK
Tel. 44 1908 306 500
Fax 44 1908 306 501
Email: sales.eu@clarent.com

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