

Cameleon

The truly Open Applications Platform

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Independent centers of excellence for speech enabled IVR development throughout the industry are keenly aware of the critical business challenges facing Telecoms and application service providers.



Cameleon is easily capable of supporting carrier-grade solutions

in an environment offering support for all major hardware and software vendors:

- Platform independent
- Operating system independent
- CT Board independent
- ASR & TTS supplier independent

Cameleon key benefits:

Freedom of choice

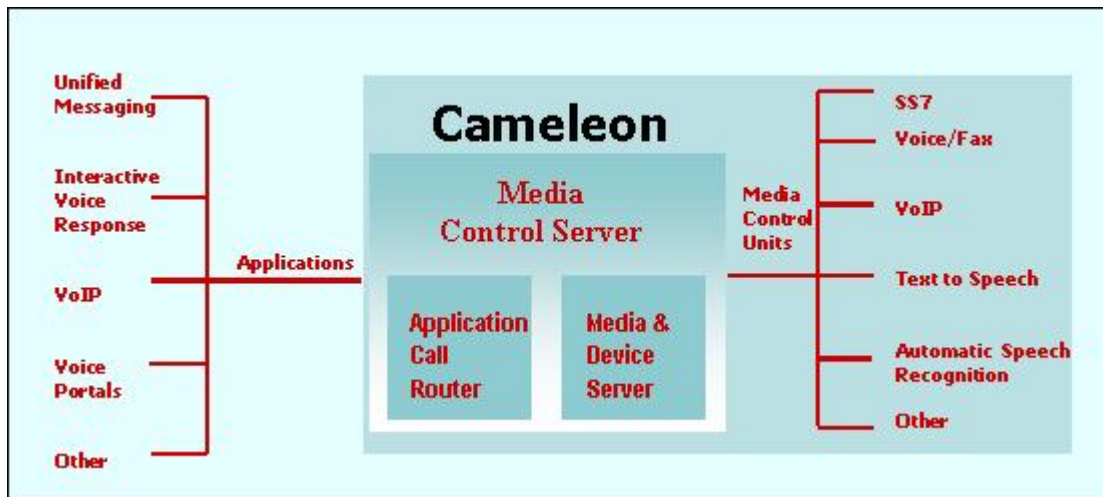
Supports all major standards and best-in-class technology to rapidly build your voice and CT applications based on your technology and hardware requirements.

Investment protection

Flexible and scalable architecture enabling single chassis entry-level solutions to grow into carrier grade solutions without any redundancy in technology or application development.

Time to market

Cameleon provides an intuitive rapid application development environment, enabling a fast time-to-market.



The Contarra Converging Communications Platform Cameleon is a state-of-the-art applications platform, unique in its open architecture and scalability that addresses these business and development needs, providing the ultimate truly independent platform for communications application development.

Robust Architecture

- True Distributed architecture
Single chassis and multi-chassis configurations to suit exact client requirements
- Multiple redundancy schemes (active/passive, load-balanced)
- Soft and hardware hot-swap support

Scalability

Cameleon can share all its hardware and software on one chassis enabling customers to get up and running fast. As demand grows it is easy to scale the technology infrastructure, without any redundancy of hardware or software. Cameleon offers a fully distributed client/server architecture for handling the most demanding carrier grade solutions. It provides fault tolerance for all hardware units and duplicated chassis options for completely fault tolerant systems.

Cameleon Architecture

Cameleon communications are based on TCP/IP and Ethernet. The platform architecture comprises three independent layers: The Media Control Server is at the heart of the system. It handles both the Application Server and the Media Control Units with the Application Call Router and the Media and Device Server.



Applications are developed using a comprehensive rapid development toolkit and an intuitive graphical interface. For most demanding services, Cameleon Application Designer includes CTTalk an integrated programming language providing function calls for media processing, speech recognition and text-to-speech technology, conferencing and fax services, Database access, TCP/IP communications.

Typical applications supported are Unified Messaging, advanced speech enabled Interactive Voice Response (IVR), VoIP and voice portals. The Cameleon architecture allows multiple applications running simultaneously on either distributed or shared hardware. Cameleon runs on Windows NT/2000/2003 Server, Linux and Sun Solaris.

Application development

The Cameleon Application Designer provides GUI and icon-based development. Other development tools include

- VoiceXML 2.0
- C, C++ SDK enabling C/C++, Java and Visual Basic integration
- Integrated programming language (CTTalk)
- Standard components libraries (e.g. call control, voice functions, conferencing, fax, etc)
- Customized components libraries

Cameleon supports all the major Telecom signaling protocols including SS7. The platform is one of the most open development environments available, providing third party support for most major technology hardware including NMS, Eicon, Aculab and Intel Dialogic CT boards.

Cameleon works with most leading speech recognition (ASR) and text to speech (TTS) technologies, handling multiple languages, dynamic vocabularies and supporting a variety of pre-processors. Cameleon supports native Scansoft ASR products such as OSR3, Scansoft TTS such as Realspeak and Rhetorical, Nuance ASR product, Infotalk ASR and TTS products and Telisma ASR products.

Quality

Best-in-class technology, systems management and support translate into high quality solutions.

Resilience

The Cameleon architecture allows a fully redundant system environment, providing carrier grade solutions to service providers and telecommunications operators.

Low total cost of ownership

The Cameleon architecture incorporates all necessary development resources to support application service provisioning and ensure low total cost of ownership for business customers.