**Bay Talkitec - A Leading Computer Telephony Company now offers
High Performance Linux Tool (Linux Smart CT Suite) for Telephony Applications.**

Overview

Bay Talkitec (BTT) is the leading Computer Telephony Company in India with over 70% market share for its products. Incorporated in 1991, BTT has grown into Multi products Multidisciplinary application Company.   BTT is a Silver Member of the Intel Communications Alliance.   With over a decade of leadership in computer telephony, BTT has embarked ambitious plans to extend to the global markets. The products with universal design and application will find widespread appeal and ready acceptance.

BTT has its own software design center equipped with highly qualified engineers having rich experience in developing CTI tools and applications. BTT offers complete suite of CTI solutions as well undertake Application Development for your specific needs.

Why Linux CT Suite?

The Linux operating system offers many benefits for telephony solutions, including greater **reliability and scalability , increased performance** and **enhanced manageability.** It provides unmatched flexibility as it supports the widest array of communications and IT Technologies. Linux implements a common API across many different types of hardware. The same application can therefore run unchanged on a small desktop computer as well as on a large back-end server.

Includes a graphical environment that reduces development time by 50% or more.

Even though Linux is the ideal choice for Computer Telephony, developing CT solutions in Linux is a daunting task. This is where BTTs *Linux Smart CT Suite* comes in handy. With this suite, developing CT applications in Linux is a breeze.

Linux Smart CT Suite

Linux Smart CT (Computer Telephony) Suite is Bay Talkitec's Telephony Application Development Tool which runs on Linux platform. This is the latest offering from Bay Talkitec to the world of CTI technology. The Suite consists of two components, which in dual assists the CTI users and developers achieve their final objective. The components are:
- Application Script Tool (AST)
- Linux Telephony Engine (LTE)

Host Media Processing

Using BTT's Linux Smart CT Suite enterprisers can develop and deploy HMP based solutions rapidly. SmartCall supports **Dialogic®** Host Media Processing (HMP)

Supports H.323 and SIP protocols
SIP Client Support for Agent Desktop
Supports Voice / Fax / CSP for ASR, TTS / RTP Streaming

Products based on HMP are Conferencing, Messaging, IP Call Center, Prepaid Services and IVR Voice Portal .
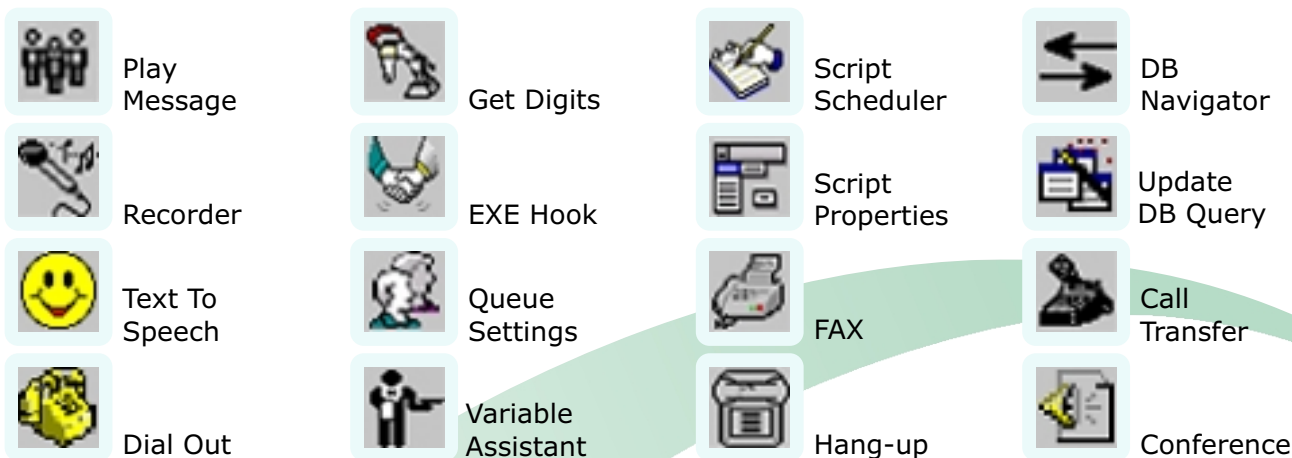
Linux Telephony Engine (LTE)

The LTE transforms the call flow designed using AST, and interacts with telephony layer, database engine and other media layer and performs all the functions of the desired application. Database Engine supports MySQL, Oracle or any other Linux supported RDBMS. LTE supports Analog as well as Digital Boards of Intel. It supports different media, viz. Voice, Fax, SMS and WEB interaction

The LTE is capable of interacting with External Applications on Socket level and the interactionis independent of OS Platform. By using LTE, applications from small traditional IVRS to powerfulsolutions such as Call Center can be developed to customer specific needs. The multi-threaded application layer makes the LTE possible to run multiple T1/E1 circuits on the same chassis without degrading the performance.   It generates complete Call Detail Record, which can be used to generate reports to monitor the performance of the system.

Bay Talkitec
Innovating Convergence

Linux Smart CT Suite

Application Script Tool (AST)

The AST tool is an easy to use GUI tool developed to work on Linux platform. This tool enables the users and developers to generate / design their own call flow with respect to their customer requirement. This tool gives freedom to the developers in designing and structuring the application to their requirement. This tool is equipped with objects such as external application hook and socket connection which assists the developers to do hassle free designing. This tool also provides objects for web interaction.

Few Sample AST Objects

Play Message	Get Digits	Script Scheduler	DB Navigator
Recorder	EXE Hook	Script Properties	Update DB Query
Text To Speech	Queue Settings	FAX	Call Transfer
Dial Out	Variable Assistant	Hang-up	Conference

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