

Broadband Business Engine (BBE)

The BBE family

Easy and efficient handling of business processes

Key benefits:

- Modular tools for different business processes
- Add modules as your network grows
- Built on standards
- Easy to integrate into existing OSS/BSS systems



Broadband Business Engine

The Broadband Business Engine (BBE) is a purpose-built software package which enables easy and efficient handling of business processes in broadband networks.

The BBE is a whole family consisting of different modules which can be added step by step as required. The modules of the BBE family are:

- Core
- Subscriber Management Tool (SMT)
- Service Selection Portal (SSP)
- Helpdesk Management Tool (HMT)
- Billing Management Tool (BMT)
- Ticket Management Tool (TMT)

BBE - Core

BBE-Core is the basis of the BBE product family. By itself BBE-Core can be used to serve as a business layer between external OSS/BSS systems and network management systems. Alternatively, BBE can be equipped with any of the pre-integrated applications: Subscriber Management Tool, Helpdesk Management Tool, Billing Management Tool, Ticket Management Tool and/or Service Selection Portal. BBE-Core is built on Telecom Management Forum NGOSS Standard Model and thus it is easily integrated with different applications for business process purposes.

These different applications or modules are:

BBE - Service Selection Portal (SSP)

Service Selection Portal (SSP) is an attractive and user-friendly interface for self-provisioning of triple-play services in a broadband network. The end-users select and activate their services themselves and the services are automatically provisioned via the network for immediate use. Service providers can use this platform as an attractive market place for service exposure and marketing campaigns.

BBE - Subscriber Management Tool (SMT)

Subscriber Management Tool (SMT) efficiently stores and handles information associated with end-users such as names, delivery addresses, billing addresses, types of subscriptions, MAC-addresses. SMT can also create, search, edit or delete an end-user in the system as well as perform these tasks for subscriptions and services. In addition, terms and conditions can be managed by SMT.

BBE - Helpdesk Management Tool (HMT)

Helpdesk Management Tool (HMT) enables fast trouble-shooting in a network. HMT provides the information and tools required by helpdesk personnel to troubleshoot the network efficiently. HMT provides visibility of key network information such as the current status of the network node to which the end-user's CPE is connected, and also the status of the actual port on the network node.

BBE - Billing Management Tool (BMT)

Billing Management Tool (BMT) simplifies all billing issues. BMT provides the data to bill services in a broadband network. It provides detailed reports on subscription activities and service duration.

BBE - Ticket Management Tool (TMT)

Ticket Management Tool tracks and reports changes of all network services. TMT enables the users of BBE to keep track of internal and external cases. All tickets such as individual cases, service updates and new product launches can be tracked.

BBE - Inventory Management Tool (IMT)

Inventory Management Tool cannot be purchased as a separate module but it is available to help with the inventory of PacketFront's ports and addresses in the network.

All above mentioned modules are pre-integrated into BBE-Core. BBE is integrated into BECS, PacketFront's control and provisioning system.

Broadband Business Engine

BBE - Cores

Technical requirements

Database	PostgreSQL database 8.2
Applications	SUN Java System Application Server 9.1
Java	JDK 1.5
Operating system	Solaris 10
BECS	3.2. or higher
Recommended hardware	SUN V215, Netra 210 or T1000 with 2 GB memory (minimum 4 GB if SSP is used)

BBE - Service Selection Portal (SSP)

Technical requirements

Hardware	X86 Processor (PC), minimum 3GHz CPU, minimum 2 Gigabyte RAM
Operating system	Ubuntu 7 server operating system

BBE - Subscriber Management Tool (SMT)

Technical requirements

BBE - Core v 1.6

BBE - Helpdesk Management Tool (HMT)

Technical requirements

BBE - Core v 1.6

BBE - Billing Management Tool (BMT)

Technical requirements

BBE - Core v 1.6

BBE - Ticket Management Tool (TMT)

Technical requirements

BBE - Core v 1.6