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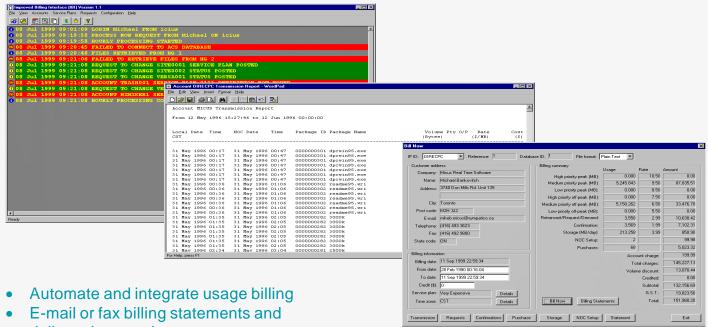
www.micus.ca

Tired of getting your billing information manually from your servers?
Had enough of using spreadsheets to bill your customers?
Frustrated with making your financial and engineering reports using a calculator?

#### Let the

# **Usage Billing Server (UBS)**

automate your entire subscriber billing process!



- daily updates to the customers
- Post account daily updates on the web
- Automate data gathering from the servers
- Manage customer accounts
- Define service plans
- Include one time charges to the monthly statements
- Handle time zones and customer local time
- Manage billing statements
- Generate financial and engineering reports
- Interface your existing billing system
- Archive, backup and restore your billing data
- Allow multi-user access to the billing information through the network
- Maintain a daily log of all event and alarm reports
- Configure and maintain your billing server
- Use trace utilities for the on-line diagnostics

**Usage Billing Server (UBS)** is a computer-based system, which fully integrates and automates the entire subscriber billing process.

The UBS automatically collects billing data on an hourly or daily basis from the servers that provide a communication service. It analyzes billing information and stores it into its own database.

Once a day the UBS examines all customer accounts and generates monthly billing statements for those accounts that are due on that day. Monthly statements may be saved as text files and emailed or faxed to the customer.

Account daily updates can be automatically emailed or faxed to the customers, or posted on the web page.

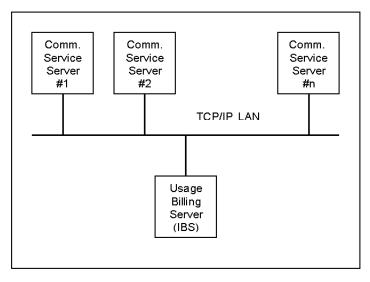
Communication service providers can define any number of service plans offered to their customers. When opening an individual customer account, the operator selects the service plan which best suit customer needs. Upon request, customers can always switch to another service plan.

The UBS graphical user interface (GUI) allows operators to manually bill an account at any time, or to examine the account status. The account management commands allow operators to open or close customer accounts, and to modify account information.

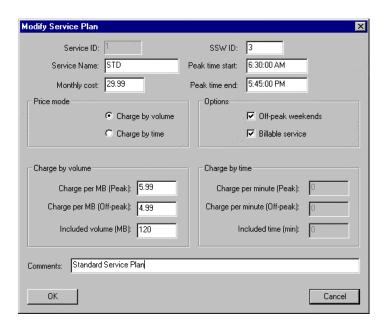
All UBS actions are displayed in the main window as event reports and saved in event log files.

UBS is a multi-user system, implemented as a distributed client/server application, which runs either on a single computer or on a local or wide area TCP/IP network. UBS runs under the Windows XP operating system.

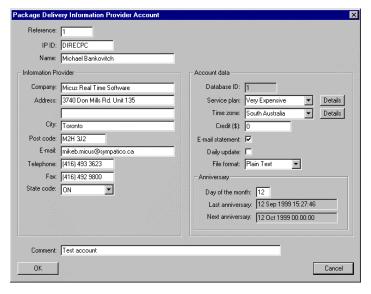
The system is highly modular, thus allowing for rapid and easy customization, according to the specific application requirements.



**UBS** network connections



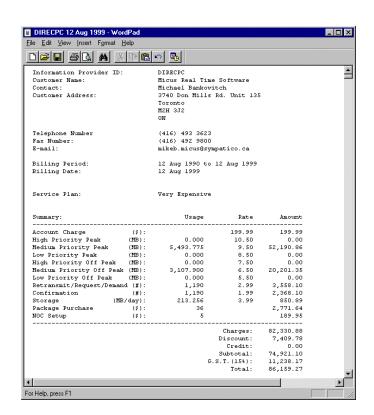
**UBS** service plan definition window



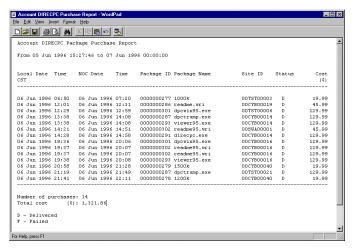
**UBS** account definition window

## **IBS Key Features:**

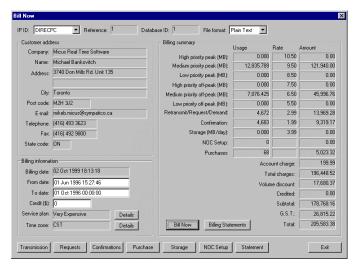
- Monthly billing statements are generated automatically on due date, saved in database, and optionally as text files.
- Customers have the option of receiving their monthly statements automatically by e-mail or fax.
- Account daily updates can be e-mailed or faxed to the customers upon request.
- As an add-on option, account daily updates can be posted on the UBS web page.
- Account management commands allow operators to open and close accounts, to modify account information and to view all customer accounts in a summary report.
- Individual accounts can be manually credited with money, transmission volume or connection time.
- Using account status commands operators can examine account name and address, current service usage, one time account charges, and other account information.
- Service plan management commands allow operators to create, delete and modify service plans, and to view all service plans in a summary report.
- Each service plan offers two rates, for peak time and for off-peak time usage.
- Operators can define a list of one-time charges for the installation, service plan change, etc. These charges are applied to the individual accounts as the corresponding services are rendered.
- UBS does all rating calculations based on the customer local time. The system offers a set of commands to define time zones and daylight savings for the various customer locations.



#### Monthly billing statement summary



Account activity details

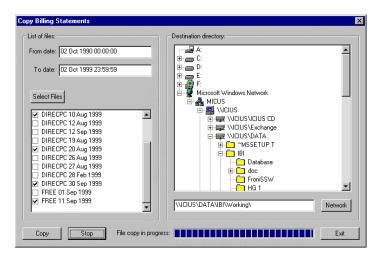


'Bill Now' command window

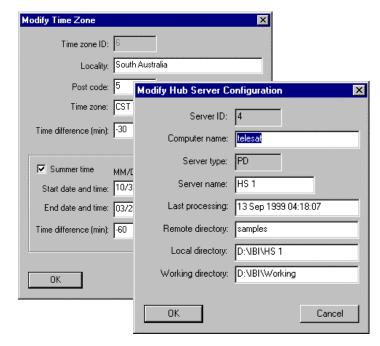
- The report generator, which is an add-on UBS component, allows operators to create any number of user-definable financial or engineering reports. The format of these reports can be saved in templates for future use.
- A set of commands allows operators to archive, backup, delete or restore billing statements, report files and database records.
- UBS configuration is done through a set of interactive windows, which allow operators to define, modify, delete or view system configuration.
- UBS consists of one or more billing Windows services and GUIs. Billing services accept multiple TCP/IP network connections, thus allowing multi-user access via LAN, WAN, and RAS connections.
- All billing events are shown in the main window and saved in the event log text files. UBS automatically creates daily log files, suitable for offline analysis.
- UBS billing services have built-in trace utilities and on-line diagnostics, which can be used in the field to verify system configuration and to monitor the operation of external interfaces. Online diagnostics may be accessed remotely by our customer support personnel, to assist operators in configuring and running the system.

#### Recommended system configuration:

- High end Pentium processor
- Minimum of 512 MB memory
- Minimum of 80 GB disk space
- Windows XP Professional operating system
- MySQL or Oracle database



### Command to archive billing statements



**UBS** configuration windows

