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**DATAPARK®**

# DATAPARK Billing System (DBS) white Paper 2012

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*Complete ICX Billing Solution*



## Features of the DBS:

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Data Park Billing provides the best-of-breed interconnect billing and routing optimization solutions, flexibly spanning a wide range of rating, billing and settlement including interconnect, wholesale and fixed charges, national and international roaming. The result is outstanding performance and functionality. We couple this with an innovative array of delivery models aimed at providing an accessible, flexible commercial solution for all carriers from Tier 1 to Tier 4, Interconnect Operators and Access Network Service.

### Features of our Billing System as Follows:

#### Translator & Mediator

The Data Park Billing System is compatible for multi switches, multi formatted CDR files. It has the capability to translate different formatted CDR in suitable format that will be insertion able into Database.

#### Partner Management (Customer Managed System)

Data Park Billing System has a Customer Manage System from where all the Partners will be configured initially from that portal.

#### Rating Module

Our Billing Solution have strong and high speed rate engine with parameterization facilities to implementing policy as per guideline the management. Currently the solution can support any type of Voice rating [Customised as per BTRC Guide]

User will also be able to rollback and rerate calls again based on customer rate or supplier Rate or for a certain period. The user will be able to re-rate with index or destination country basis as well.

#### Preferred Routing

Data Park also has a provision to do Preferred Routing.

#### Reconciliation & Dispute

Data Park Billing Solution also has reconciliation and dispute resolution modules. The system can verify and reconcile all type of disputes.

For more investigation we also have CDR Reconciliation Module to match CDR to CDR basis your system and respective partner's system.



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### Billing & Invoicing

Data Park Billing System able to generate invoice with any time zone and for any Billing Cycle. User will select any time zone and then generate invoice and invoice will be generated with selected time zone.

The system will verify the invoice of suppliers automatically. The proposed system will generate invoice and send to email to customer according to different time zone.

### Prepaid Platform or Auto Blocking System

Data Park Billing System has a powerful Pre-Paid Monitoring System. Using GUI authorized user can manage the prepaid customer profile flexibly.

The system will generate alarming SMS and Email on various slot of usage.

Example:

Customer X has paid USD 50,000. The system will generate SMS and Email in use 50%, 70%, 90% and it will generate final alarm while it will block the route.

The system will use the rate of integrated into the system in the module of tariff administration. There should be a history of payment and statement of balance available in the proposed solution.

For any type of wrong payment entry there should be rollback system and re-rate system for prepaid system.

### Reporting and Dashboard

Data Park Billing System offers a Versatile and Flexible Reporting Module which is customizable to extreme point. It already inherits built in Report on multi dimensions accompanied with one multipaged Dashboard for easy maintenance and monitoring.

Any report can be generate in PDF, CSV and XLS format.

### User Access and Security

The System has multi-level user access.

The user will be able to access whole the system as per his/her permission level.

There will be different type of use and different type of access as like as below:

1. Marketing User with the access of customer relation, provisioning and reporting module access.
2. Finance User with the access of financial subsystem and reporting module.
3. Technical User with the access of add-delete the technical information.
4. Billing & IT User will get specified forms and reports.



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### Alarming System and Monitoring

Data Park Billing Solution offers customized Alarm Monitoring and creation. The system will gather all the alarm, error and critical error from all the nodes and displays in a user friendly screen.

All the alarms and error will be scrolling on the screen and the monitoring engineer will be able to get the detail description the error by clicking on the alarm.

The system also has the capability to SMS the critical error to respective engineer, and after a certain time it will be able to send the critical error SMS to management.

### Redundancy of System

The system has been designed in clustered environments so that, if any error or incident in the main system occurs then the standby application server take over automatically.

Backup will be setup as per company's policy.

### Customer Access

We will also be able to give a limited access to the connected partners into the system for checking individual traffic report and concurrent calls record.

It will be an added feature of this proposed solution to give customer access for serving above requirement.

One partner will not be able to see any other partner's information or any confidential Information of our system.

