imagicle

Description and Architecture

Imagicle Billing is the ideal solution for the analysis and the accounting of the telephony traffic in a Microsoft Lync / SfB environment, from mid sized companies to large enterprises.

Easy to use, multi carrier and ready to deploy, thanks to Imagicle Billing both single site and multi site companies will be able to centrally report and manage telephone statistics and traffic.

Imagicle Billing is based on a Microsoft® SQL Server database, thus granting maximum security with high level performance even when archives reach millions of entries.

Imagicle Billing automatically organizes data into tables, produces pre configured statistics and, thanks to the dashboard, provides ready to use access to the needed data.

Scheduled Reports and alarms are available to send email concerning information, costs, use, efficiency, proper functioning and more, to help administrators, supervisors and users to get the needed information automatically.
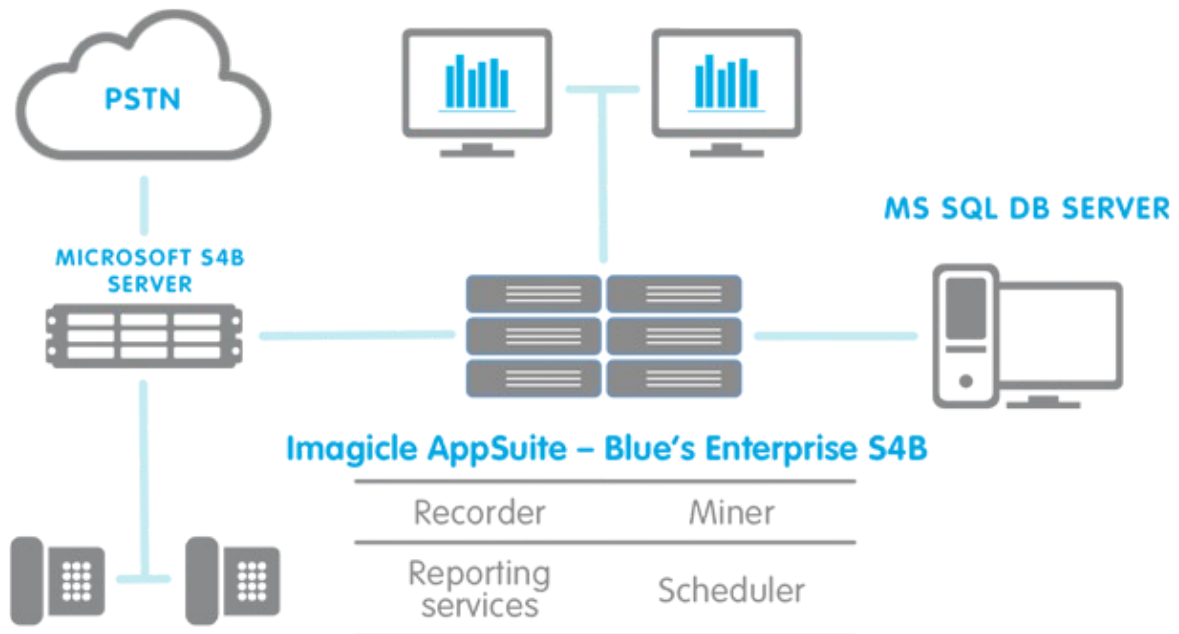
Note: mixed (multi -pbx) environments are supported by adding additional drivers on project basis

Architecture

Imagicle Billing is a software only product that can be installed on a server running a Microsoft Operating System.

Imagicle Billing polls the Microsoft Lync / SfB CDR database to monitor the call activity. Then it gets the relevant call data, calculates the costs based on destination and tariff, and stores the result in the Application Suite database.

Once the calls have been processed and the costs calculated, they are made available to the Application Suite web interface to provide reports, dashboard, alarms.

Imagicle Billing processes the calls with these independent steps:

The call data is read from the Lync / SfB database by a service (Recorder) which writes the calls in text files with a standard format.

A second service (Miner) reads the files, calculates call costs and stores the result in the database.

Once the calls are written into the database, reports can be directly generated or scheduled through the web interface.