

### Panasonic Solution Developer Network

Panasonic is offering a PBX partner program (Panasonic Solution Developer Network for Communication Products) to offer integration between Panasonic PBX and 3rd party vendor applications. For the software vendors registered in the program, Panasonic provides the latest technical specification and support to our partners interoperability testing. The 3rd party vendor successfully tested the software product stated in this solution leaflet, in accordance with the 'self-test' specification provided by Panasonic.



## Hospitality Solution

### ► Type of Business and Merit

- Type of Business: Hospitality, Healthcare, Hotels, Clinics, Others (Business Centers, Residential care homes, Resorts and companies that requires a billing solution and/or 3rd party application integration and sending commands to the PBX)
- Merit: Call Accounting (invoicing calls) and PMS integration by sending commands to the PBX.

### ► Application Name - Partner

cHar utile h+ - cHar, Desarrollo de Sistemas SL

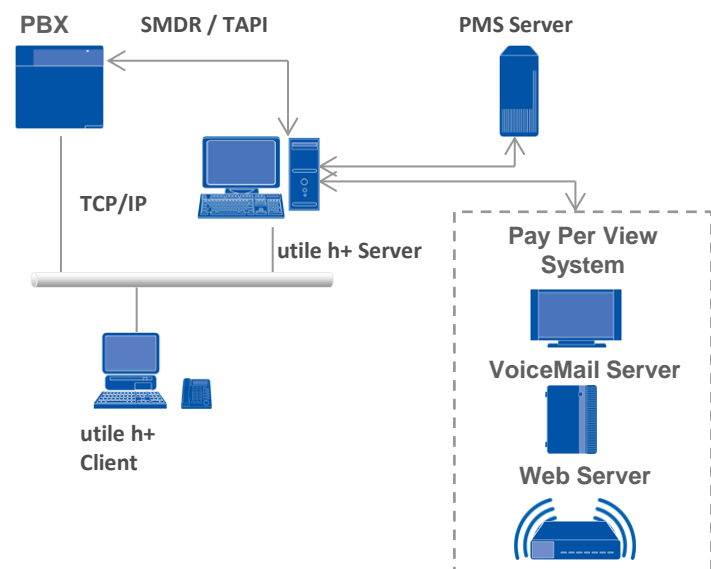
### ► Overview

- Accounting and Billing solution for calls and charges fees.
- Supports hospitality actions such as Check In / Check Out / Room Status / Reminders / Minibar / etc. and a full PMS Integration.
- Warning and Alert messages (generated by the PBX, user or external devices) sent by e-mail.
- Customs reports created by user / reports automatically sent by e-mail.
- Real time monitoring of all extensions.
- Call prices and increments defined by the user for revenue purposes.

### ► Main Feature

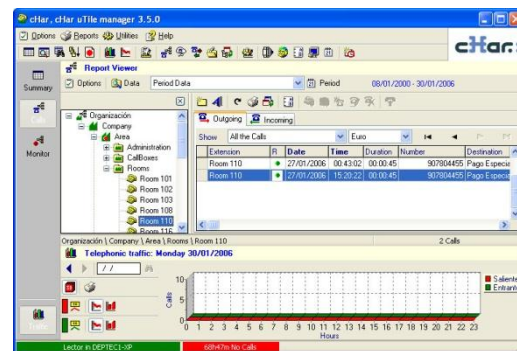
- Accounting and Billing solution with a flexible call price configuration.
- Integration with one or several PBX into a single PMS.
- Integration simultaneously phone and data services (Internet, TV, Voice Mail, ...)
- Developed to be used as a standalone application when a PMS is not installed by the Hotel.
- Multi-instance TSP supported to manage several PBX at the same time.
- Supports all hospitality functions to be sent to the PBX by the PMS and viceversa (Check In, Check Out, Minibar, Room Status, Reminders, ...).

### ► System Configuration



## ► Features

- Invoice calls made by the guest
- Integration with PMS and external devices such as Internet or TV systems.
- Standalone application for phone management is supported when PMS is not connected.
- Real time extension monitoring to know the state of each extension (idle, busy, ...)
- Advanced call accounting features (incoming not answered calls, internal calls, call answer time, ...).
- Supports multiple methods of advanced call charge calculation (increments, fix value, minimum cost, ...).
- Comprehensive control of reminders (done, not answered, statics of each reminder, ...)
- Booth extensions are supported
- Many reports and statics pre-defined and the possibility to be created by the end-user. Automatically sent.
- Multi-instance TSP supported to manage several PBX from an unique application.
- Allows multi-site environment to connect several PBX located in different geographical locations.
- Specific module to manage alarms and alerts
- Languages: Spanish, English



Main Screen



User-friendly application



Check In



Alert Message

## ► System Requirements

### PBX

Supported PBX	Panasonic KX-TDA 15/30/100/200/600, KX-TDE100/200/600, KX-NCP500/1000 KX-NS1000
Connection	LAN / USB

### Partner Application

OS	Microsoft® Windows Vista® Microsoft® Windows® 2000 Pro / 2000 Server Microsoft® Windows® 2003 Server / 2008 Server Microsoft® Windows® 7 / XP Pro (Allows 32 & 64 bits environments.)
CPU	Pentium® 4 2GHz (or higher)
RAM	1 GB (or higher)
HDD	2 GB (minimum)

## ► Application Partner Information



Panasonic  
Solution  
Developer  
Network

**Silver  
Partner**

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