

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.



UC & CTI Solution

► Type of Business and Merit

MetaDirectory brings different databases together into a single LDAP directory that can be used consistently throughout the company. Therefore all relevant data such as phone numbers or contact information is available to all employees. The intelligent processing of data allows easy searching and fast presentation of results – even for very large and distributed databases.

► Application Name - Partner

MetaDirectory - ESTOS

► Overview

The use of different database systems in a company makes the search for employees and contact data often very time-consuming. MetaDirectory solves this problem by bringing all the relevant information together into a central LDAP data pool. MetaDirectory is a LDAP (Lightweight Directory Access Protocol) Server. In addition to the preparation of phone numbers (normalization) and contact details it allows an efficient and customizable search process for contacts in different databases. Thus, it allows the integration of, for example, Microsoft Dynamics Products, CRM and ERP Systems, Lotus Notes and Exchange public folders with a minimum of effort in different scenarios.

► Main Feature

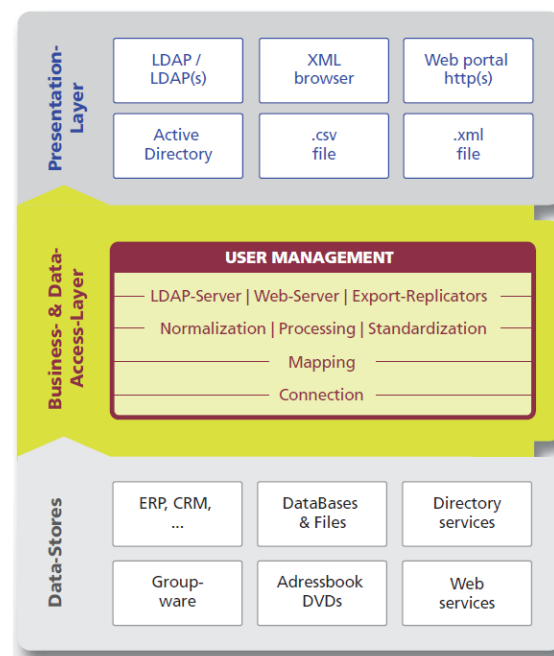
Company-wide access

MetaDirectory has an intranet directory of contact data that goes far beyond the functions of a classic intranet telephone book. It offers scores of opportunities to optimize individualization with a minimum of configuration effort. Employees can use the web-based search portal of MetaDirectory immediately with all standard browsers. Relevant contact details are available to authorized individuals on an ad hoc basis.

Easy search. Fast results

A key advantage of MetaDirectory Intranet phone directory is its simple and intuitive search function, automatically searching through all integrated databases. The administrator also has the ability to adapt the result pages to the company's own specific requirements. It can be searched for e.g. cost centers, building numbers, travelling data or customer information, depending on the requirements.

► System Configuration



► Features

Normalization

Data has to be converted in order to be automatically processed. This transforms contact data into useful information which can be used companywide. A system which is able to consolidate all internal and external information and provide it in a standardized manner is therefore a “must” for the successful use of contact information. As a technical base, the Standard LDAP (Lightweight Directory Access Protocol) is suitable. This protocol is made for fast, read access of contact information, distributed data sources and a wide application support and therefore ensures a high search performance.

Standardizing

The MetaDirectory is based on a real LDAP server developed by ESTOS, and its structure complies with LDAP specifications and is compatible with LDAP-2 and LDAP-3. It was optimized to be connected to almost every available data source used by companies. It offers several options to import via so called replicators, current groupware, ERP and CRM systems, special applications and industry lines solutions as well as data via general database interfaces and formats.

Heterogeneous data sources

Heterogeneous contact data can be allocated via a standardized contact schema and be saved in a standard format in the server of contemporary storage for further processing. There is only one administrative step because the replication is fully automated. After the processing, the standardized and normalized data are available to all company systems and employees.

Presentation of the “right” information

Since value and knowledge are only gained if the information is actually used, special attention should be paid on how the standardized data is presented. MetaDirectory offers a wide spectrum of interfaces and user interfaces. It supports a number of usage scenarios. Web portals are available for users which allow independent access irrespective of which device is being used. In addition to direct access of information, integration with other systems is also possible.

Interoperability

Unified Communications solutions benefit enormously from standardized contact information. They need these, for example, to define the phone numbers of incoming calls and are thereby dependent on a fast and reliable search engine. Information out of groupware, CRM and ERP systems, special applications and industry solutions, can be integrated in communication orientated business processes on the basis of standard protocols.

Webservices

Integration into existing company portals is simple and aids the centralization of information into a single, usually already known and accepted interface. MetaDirectory offers web services based on LDAP(S), HTTP(S) and XML and other technologies, which minimizes the effort of keeping contact information ready whilst at the same time maximizing its business use.

► System Requirements

PBX

Supported PBX	Panasonic KX-TDA100/200/600, KX-TDE100/200/600, KX-NCP500/1000, KX-NS / NSX series
Connection	LAN / USB

Partner Application

OS	(x86/x64) MS Windows 7SP1 , 8, 8.1 ,10 Windows Server 2008, 2008R2, 2012, 2012R2 Citrix Xen and WTS / Hyper-V and VMWare
CPU	CPU > 2x 2.2 Ghz processor
RAM	4 GB RAM
HDD	2 GB free hard disk space

► Application Partner Information



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