

Directory Integration for Unified Communications

AND Phone is a powerful and scalable application platform for Unified Communications environments. The application server uses a modular base system which can be extended by services and functionalities required for business communication tasks.

AND Phone Directory offers you the possibility to include corporate information resources into your communications network and delivers access by phone, web browser or desktop.

Besides integrating corporate directories and databases you can show additional information on the phone display about the caller. Additionally to caller name there can be also add-on information like project or order numbers or responsible staff members.

Administration of the *AND Phone Application Server* is completely centralized and uses a web-based front-end which can be extended by additional modules.

Benefits

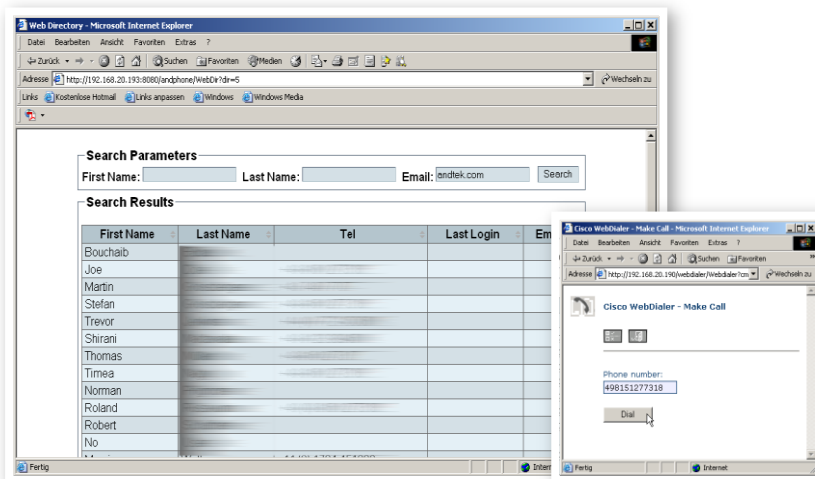
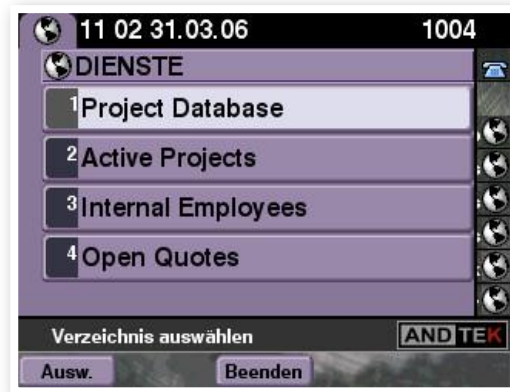
- Optimized workflow on the phone
- Fast access to information by phone, web browser and mobile devices
- One search form for all integrated databases
- IP Phone based and/or with computer integration
- Central administration
- Reverse look up for internal and external calls
- Flexible and easy selection of shown attributes
- Easy integration of existing environments
- Full integration with other *AND Phone* applications

Features of AND Phone Directory

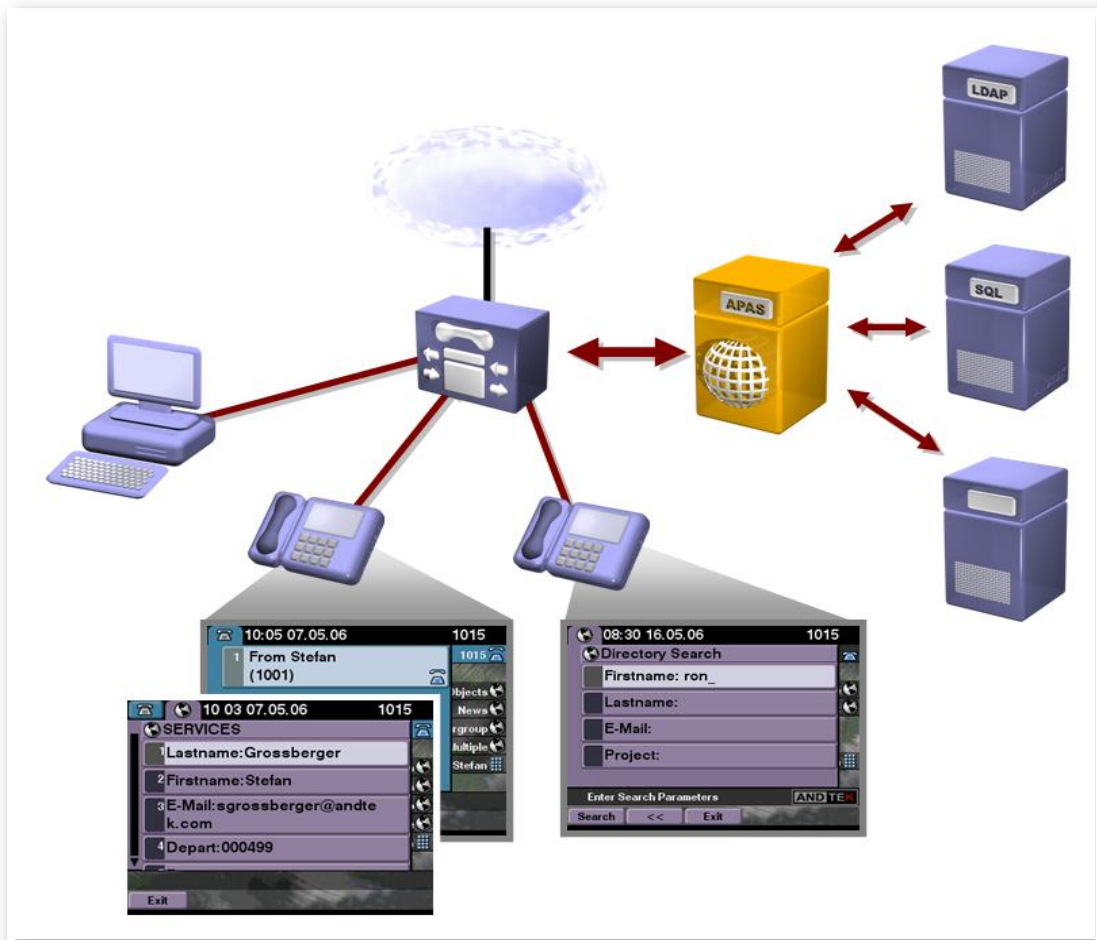
With the integration of corporate directories it is easier to search contact information with IP phones. All included databases will be scanned over a defined search screen and the results are shown on the IP phone. Displayed information can be dialed directly.

Integrated directories can be used for reverse look up as well. Additional information for incoming calls can be displayed immediately, like email address, department, unit, etc. which are included at the corporate directory. The displayed information can be defined individually by the user.

The electronic web phone book enables users to search within their web browser. Displayed results can be dialed by clicking the phone number.



With the flexibility of *AND Phone Directory* you can include several databases and directories like SQL, LDAP, MS Exchange and CSV files.



The administrator can create groups with included databases, where he can define exactly which user is allowed to access the databases.

Users with MS Outlook can integrate their contacts with the additional module *AND Phone Desktop CTI*. The contact information from Outlook is also available on IP Phones and can be used for reverse lookup up of incoming calls.

Features of *AND Phone Directory CallRouting*

AND Phone Directory CallRouting is an additional module which allows blocking or forwarding calls depending on phone numbers.

It makes it possible to manage lists dynamically and individually to several different groups of lines. Employees of sales, purchasing and technical department for example can be configured that basically all numbers can be called. With an additional black list it is possible to forbid special numbers.

In combination with *AND Phone Directory* all lists are automatically updated and it is not necessary to create or update the lists manually.

AND Phone Directory

Services on the Phone

- Search in all or one included database
- Dialing directly out of directory
- Automatic format with regular expression
- Reverse lookup of internal and external calls
- Several phone numbers per contact
- Overview or detailed display of contact information
- Contact information are shown automatically on phone display
- Flexible and individual information at phone display
- Personal address book available (also with Extension Mobility)
- Multitenant phone book

Desktop Services (Electronic Web Phone Book)

- Supports established web browsers
- Search in all included databases via web browser
- Search in a one database via web browser
- Dialing directly out of web directory by clicking
- Working with CallManager WebDialer
- Flexible and individual information at web browser

Administrator Services

- Password protected access with multilevel administration
- Multi level administration
- Centralized management of all *AND Phone* modules
- Integration of LDAP and Active Directory
- Integration of SQL databases
- Integration of CSV files
- CSV files can be edit by user (optional)
- Integration of MS Exchange
- Define attributes for search screen
- Define of layout for different search screens
- Define search criterions
- Define attributes for reverse look up
- Displayed information for overview

- Displayed information for detailed information
- Maximum number of search results
- Maximum number of shown results per site
- Define of layout for reverse look up at incoming calls
- Selecting of database for reverse look up
- Define of time for showing contact information
- Creating groups of databases and directories
- Managing of phone groups
- Create access rights to directories for phone groups
- No synchronization needed
- No modification at existing LDAP/SQL directories
- Expansion without restarting the system

Supported databases and directories

- LDAP directory
 - Active Directory
 - CallManager DC Directory
 - Lotus Domino LDAP
- SQL database
 - MS SQL
 - mySQL
 - Oracle
- CSV file import
 - ASCII file
 - Excel file
- MS Exchange
 - WebDAV

AND Phone Directory CallRouting

Administrator Services

- Password protected access with multilevel administration
- Multi level administration
- Centralized management of all *AND Phone* modules
- Managing of routing lists
- Define of basically action (allow all or deny all)
- Define additional list for exceptions
 - White list
 - Black list
 - Directory search
 - Caller-ID Routing
- Directory for black and white list

System Requirements

Server Requirements

- x86-based processor min. 2.8GHz
- Main memory 512MB/1GB/2GB
- Gigabit-/Fast-Ethernet interface
- Min. 20GB hard disc
- CD ROM drive
- Virtualization possible (VMware)

Software Requirements

- AND Phone Base
- AND Phone Directory

Supported Operating Systems

- Linux (included)

Supported Telephone Systems *

- Cisco CallManager 4.x
- Cisco Unified Communications Manager 5.x, 6.x, 7.x, 8.x

Supported Phones *

Cisco Unified IP Phones 6900, 7900, 8900, 9900

* Available services might differ depending on the used type of phone and telephone system versions.



Am Soeldnermoos 17
85399 Hallbergmoos
Germany

T: +49 811 9594960
F: +49 811 95949676
E: info@andtek.com



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