

Mr. VoIP Universal Tools

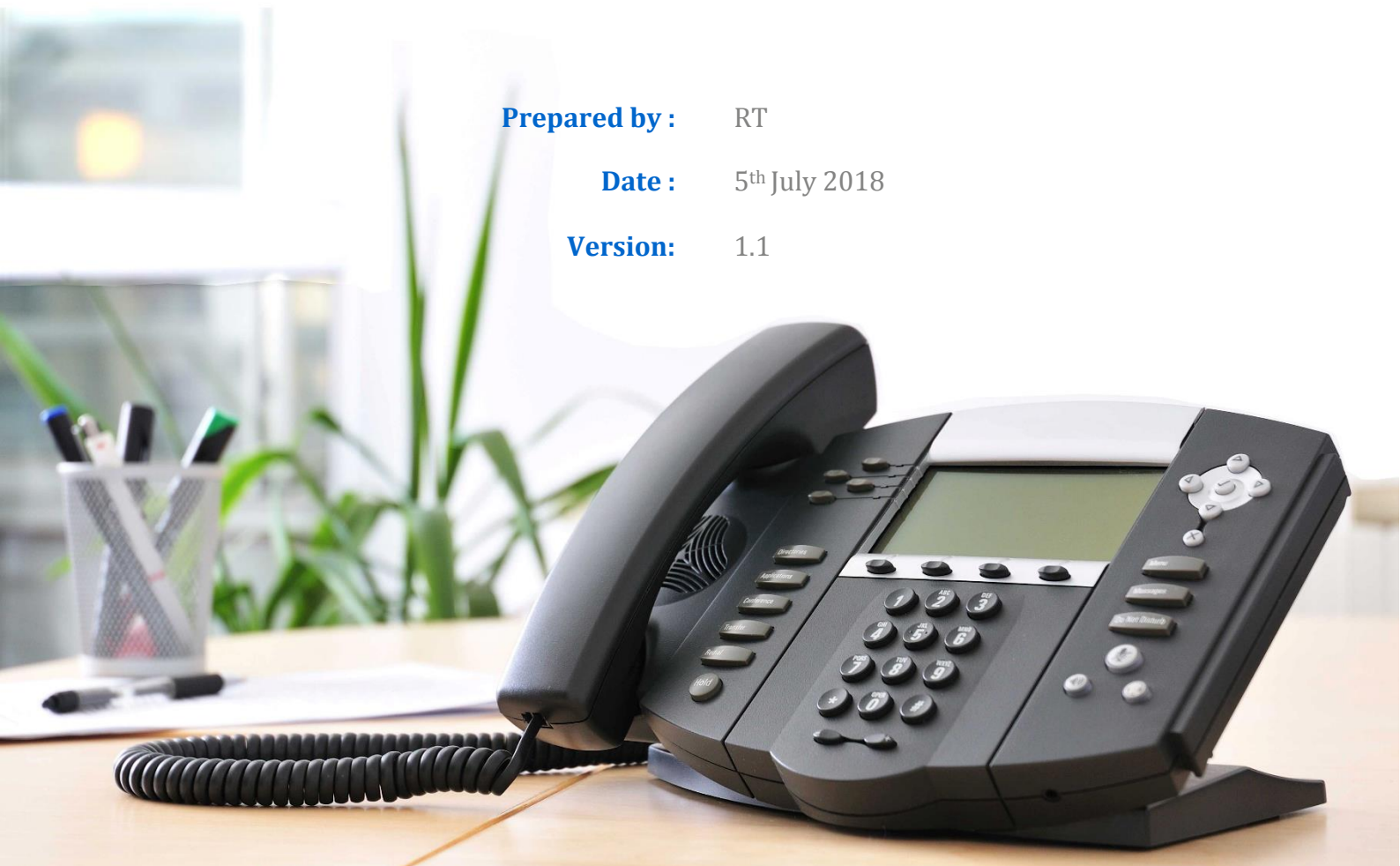
AD Integration with 3CX

Documentation

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Introduction

This document introduces that **Mr. VoIP** is a Universal Tool can have ability to import users as Extension from AD to 3CX Phone System. Mr. Voip is a middleware application/service that ability to download all of your current user settings from your Active Directory Server via the LDAP protocol. All the user's data such as first and last names, mobile numbers, and email addresses will be queried from the Active Directory and extension will be create/update/delete with a click of a button. This will save the administrator a great amount of time and resources.



Import Extensions from AD to 3CX Phone System

Need to deploy Mr. Voip middleware application/service in 3cx server, then start the service. Mr. Voip started to listen AD that if any new creation or update triggered, our middleware pull the record to 3cx phone system accordingly. In order to implement this solution, 3cx server should support .net framework.

Technologies & prerequisites

- .Net core 2.1
- LDAP connection details

Sample LDAP Connection details

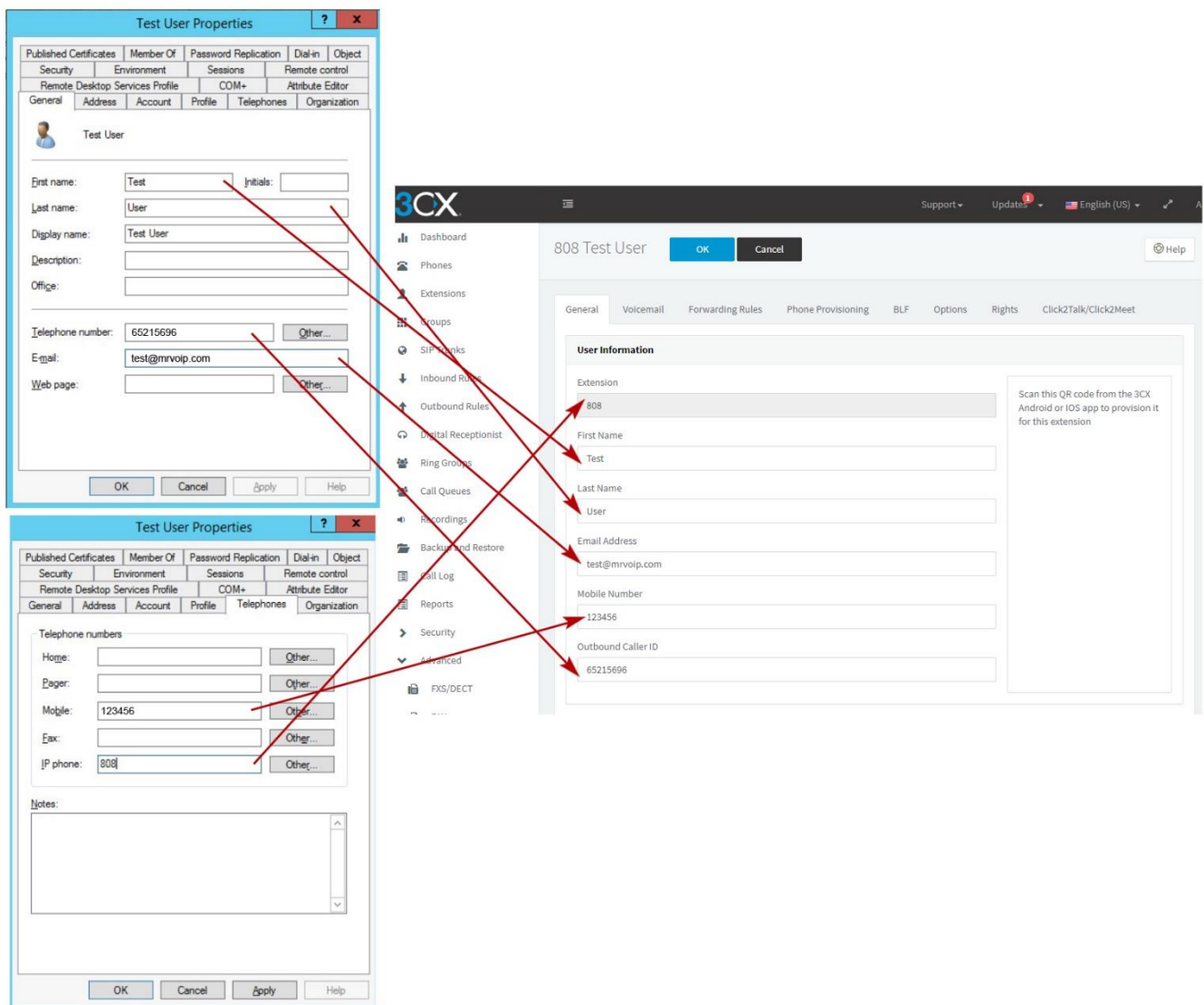
[ADSettings1]

domain=LDAP://<domainname>/CN=users,DC=xxxx,DC=xxx,DC=xx

username=xxxxxxx

password=xxxxxxx

How it works?



The image illustrates the mapping between Active Directory (AD) user properties and 3CX user information. Two screenshots of the AD 'Test User Properties' dialog box are shown on the left, with red arrows pointing to corresponding fields in the 3CX '808 Test User' configuration page on the right.

AD Properties (Top Screenshot):

- First name: Test
- Last name: User
- Display name: Test User
- Telephone number: 65215696
- Email: test@mrvoip.com

AD Properties (Bottom Screenshot):

- Home: [Empty]
- Pager: [Empty]
- Mobile: 123456
- Fax: [Empty]
- IP phone: 808

3CX User Information:

- Extension: 808
- First Name: Test
- Last Name: User
- Email Address: test@mrvoip.com
- Mobile Number: 123456
- Outbound Caller ID: 65215696

- I hope to hear from you soon -