

UNIOTP LOGON PROTECTION GUIDE

VERSION 2.0

SecuTech

www.eSecuTech.com

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Version	Date
1.0	2011.6.2
2.0	2012.4.4

CE Attestation of Conformity



UniOTP is in conformity with the protection requirements of CE Directives 89/336/EEC Amending Directive 92/31/EEC. UniOTP satisfies the limits and verifying methods: EN55022/CISPR 22 Class B, EN55024: 1998.

FCC Standard



This device is in conformance with Part 15 of the FCC Rules and Regulation for Information Technology Equipment.

Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Conformity to ISO 9001:2000



The Quality System of SecuTech Solution Inc., including its implementation, meets the requirements of the standard ISO 9001:2000

ROHS



All UniOTP products are environmental friendly with ROHS certificates.

Table of Contents

ABOUT THIS GUIDE	1
CHAPTER 1: WIN 7 IMPLEMENTATION	2
1.1 Preparation	2
1.2 UniOTP Windows logon agent implementation.....	2
CHAPTER 2: WIN 7 LOGIN.....	7
CHAPTER 3: WINXP IMPLEMENTATION	9
3.1 Preparation	9
3.2 UniOTP Windows logon agent implementation.....	9
CHAPTER 4: WINXP LOGIN.....	13
CHAPTER 5: IMPORTANT POINTS	15

About this guide

This document mainly introduces how to use and install UniOTP Windows logon Agent, this document is aimed at end users that want to use UniOTP dynamic password authentication to perform system logon.

UniOTP Windows logon agent is used to integrate Windows logon and UniOTP dynamic password authentication. There are 2 versions of UniOTP Windows Agent: GINA version (XP, Windows 2000) and Credential Provider version (Vista, Windows 7, Windows 2008), used for 2 different kinds of Windows logon architecture models.

Chapter 1: Win 7 Implementation

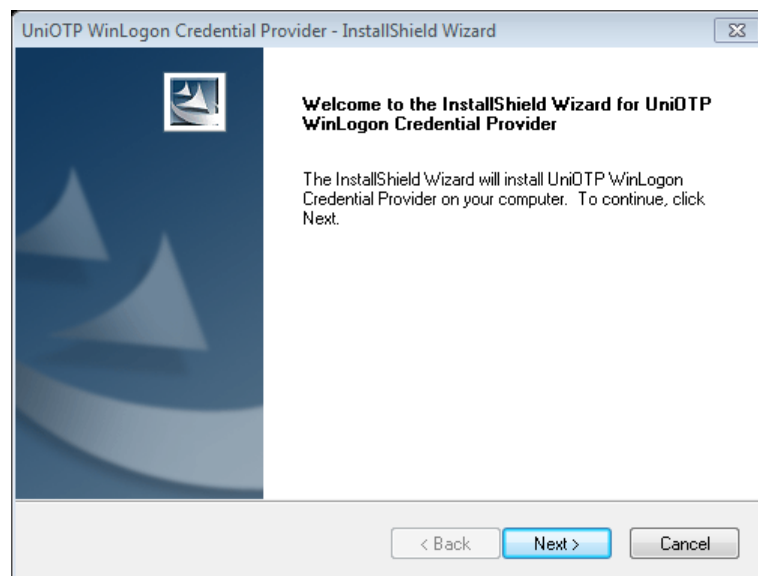
1.1 Preparation

Before implementing UniOTP Windows logon agent, please verify the following elements:

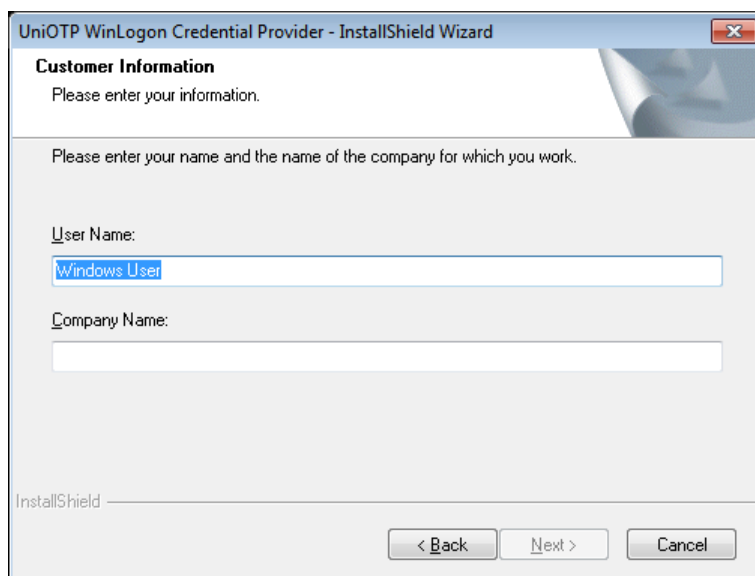
1. UniOTP authentication server is already correctly configured and is running.
2. The administrator already added an active account for the agent on the server, and this account has been binded correctly to the UniOTP device you are using.

1.2 UniOTP Windows logon agent implementation

Once you have UniOTP Windows distributable package, please find the installation file “setup.exe” inside the package and double-click it to launch the installation process.

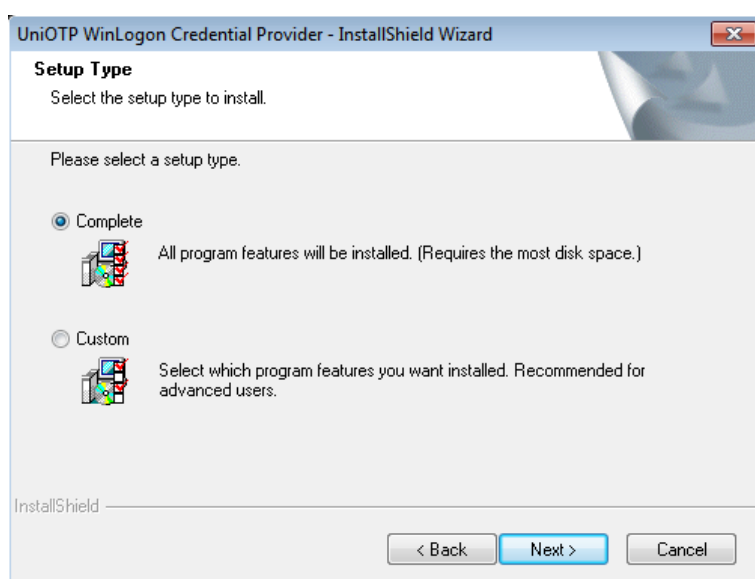


Fill in your username and company name. (the program will be installed in the directory C:\Program Files\"name of the company")



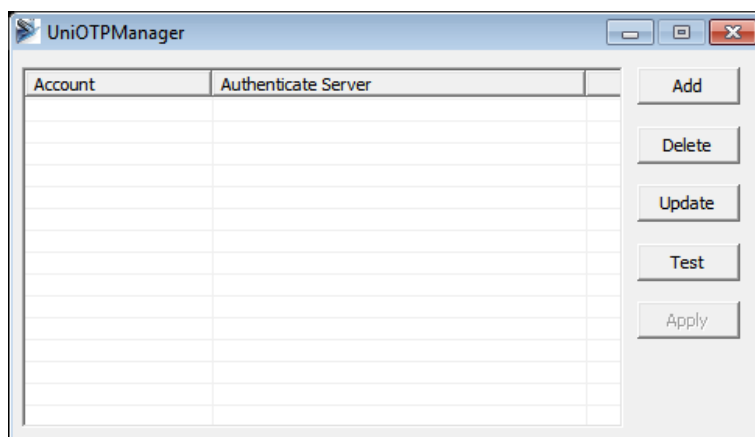
The screenshot shows the 'Customer Information' screen of the 'UniOTP WinLogon Credential Provider - InstallShield Wizard'. The window title is 'UniOTP WinLogon Credential Provider - InstallShield Wizard'. The main heading is 'Customer Information' with the instruction 'Please enter your information.' Below this, a sub-instruction says 'Please enter your name and the name of the company for which you work.' There are two text input fields: 'User Name:' with 'Windows User' entered and highlighted in blue, and 'Company Name:' which is empty. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'InstallShield' logo is visible in the bottom left corner.

Choose "Complete" installation

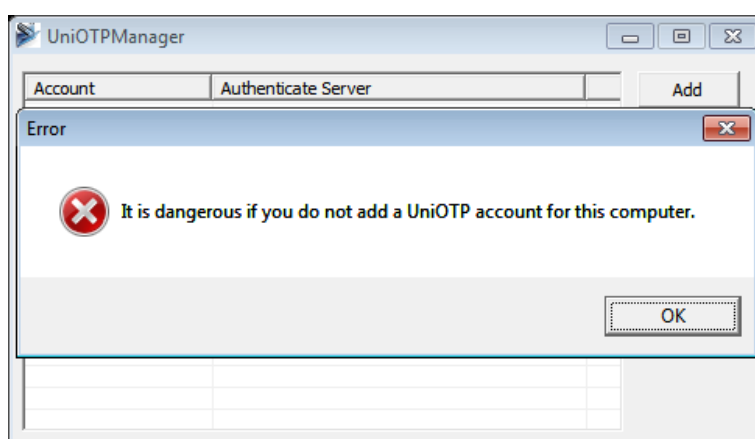


The screenshot shows the 'Setup Type' screen of the 'UniOTP WinLogon Credential Provider - InstallShield Wizard'. The window title is 'UniOTP WinLogon Credential Provider - InstallShield Wizard'. The main heading is 'Setup Type' with the instruction 'Select the setup type to install.' Below this, a sub-instruction says 'Please select a setup type.' There are two radio button options: 'Complete' (selected) and 'Custom'. The 'Complete' option is accompanied by a folder icon and the text 'All program features will be installed. (Requires the most disk space.)'. The 'Custom' option is accompanied by a folder icon and the text 'Select which program features you want installed. Recommended for advanced users.' At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'InstallShield' logo is visible in the bottom left corner.

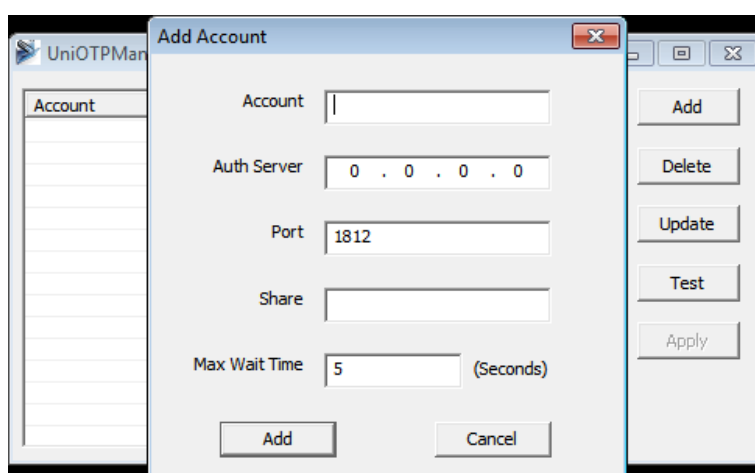
Keep the default settings and finish the installation process. Once the installation has completed, The User management tool will open automatically.



As there is no any user account added for this machine, you need to use this tool to add a UniOTP account. (If there is no valid account added, it is not possible to close the tool normally)



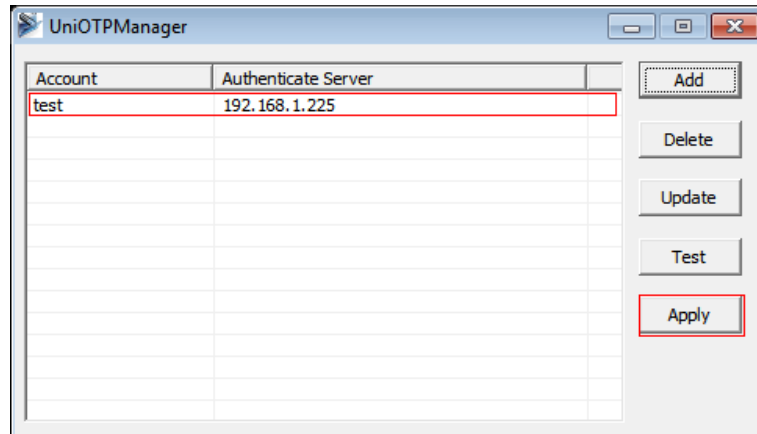
Click the “Add” button to add a UniOTP account.



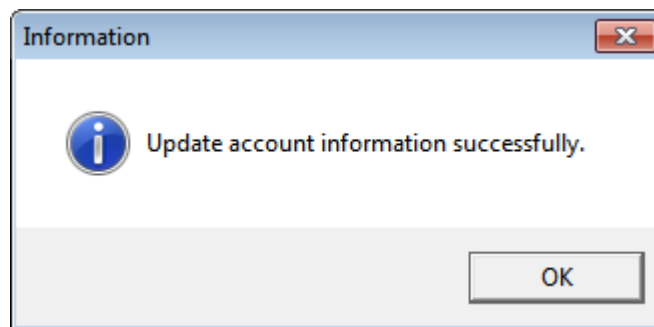
Default port is
1812

In the field “Account”, enter a valid UniOTP account name. In the field “Auth Server”, type the UniOTP authentication server address. In “Port”, enter the service port. In “Share”, enter the shared key (attributed by UniOTP authentication server). In “Max Wait time”, enter the longest waiting time for server response.

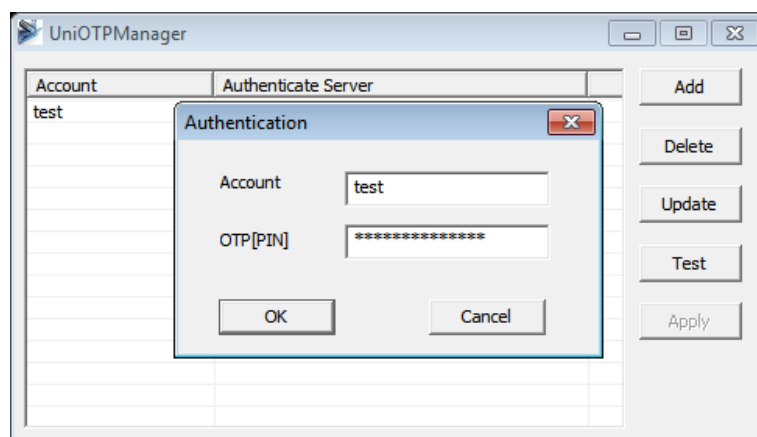
Once the account added, you need to click “Apply” to submit user information.



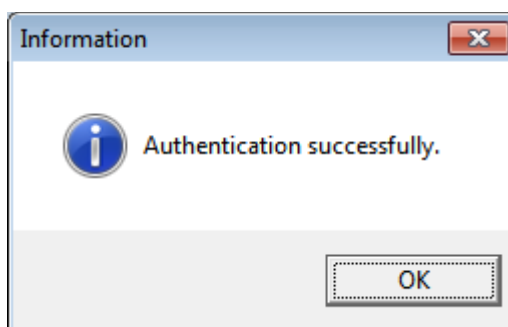
The dialog box below indicates that the user was added successfully.



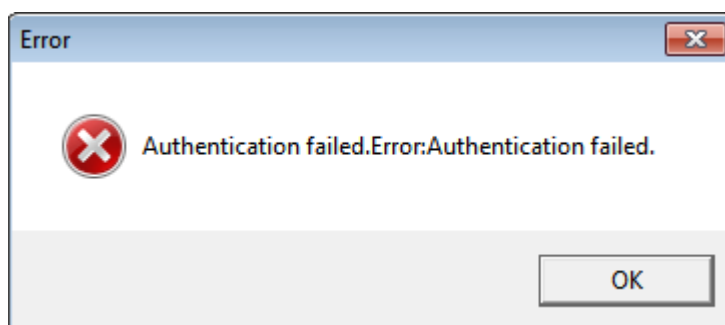
By now, we already successfully implemented UniOTP Windows Authentication Agent. Now, we can choose a user in the list and click the button “Test” to perform UniOTP authentication test.



Input OTP password (If the authentication method is set to OTP+PIN, input the PIN just after the OTP password in the same field), click the OK button, if the password is correct, the following dialog will be displayed.



If password is incorrect:



There will be a prompt note which shows that the implementation for UniOTP dynamic password authentication has succeeded. Otherwise you need to find the error by referring to the prompted note, do not reboot, shutdown, lock screen etc. until you have successfully passed the authentication test (If the error can't be solved, please uninstall the UniOTP windows logon agent immediately).

Once the implementation has succeeded, you can restart or lock the computer to begin experiencing the security provided by UniOTP dynamic password authentication.

Chapter 2: Win 7 Login



Choose a user to enter the login interface.



In the password field, input your password used to log on to the system.

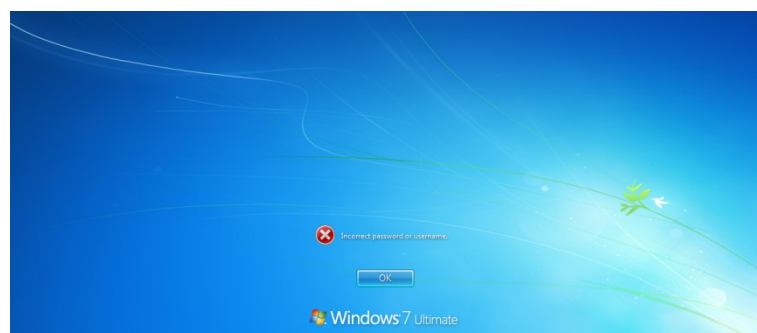
In the UniOTP Account drop-down list, choose your UniOTP account.

In the OTP[PIN] password field, input your dynamic password (If the authentication method is set to OTP+PIN, input your dynamic password followed by your PIN in the field.)

If the OTP[PIN] password that you input is wrong, you will get the following error.



If the OTP[PIN] is correct but the operating system password is wrong, you will get the following error.



Now you have succeeded in implementing UniOTP dynamic password authentication protection for this computer.

Chapter 3: WinXP Implementation

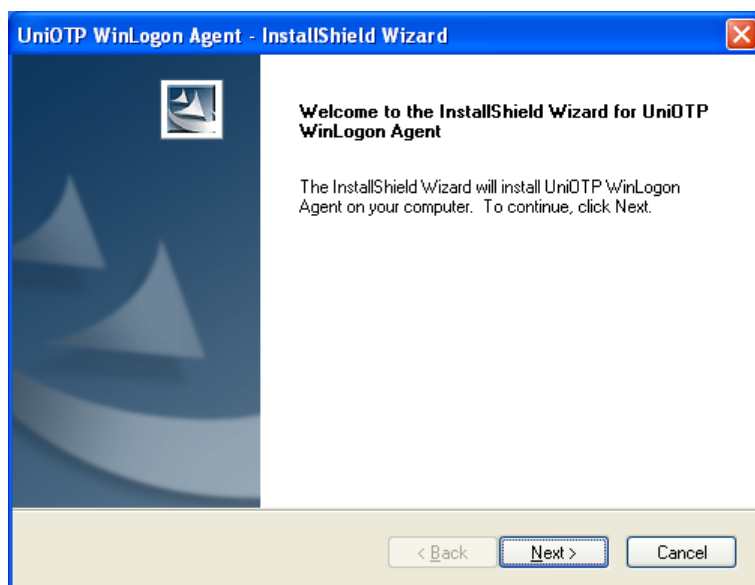
3.1 Preparation

Before implementing UniOTP Windows logon protection, please check the following elements.

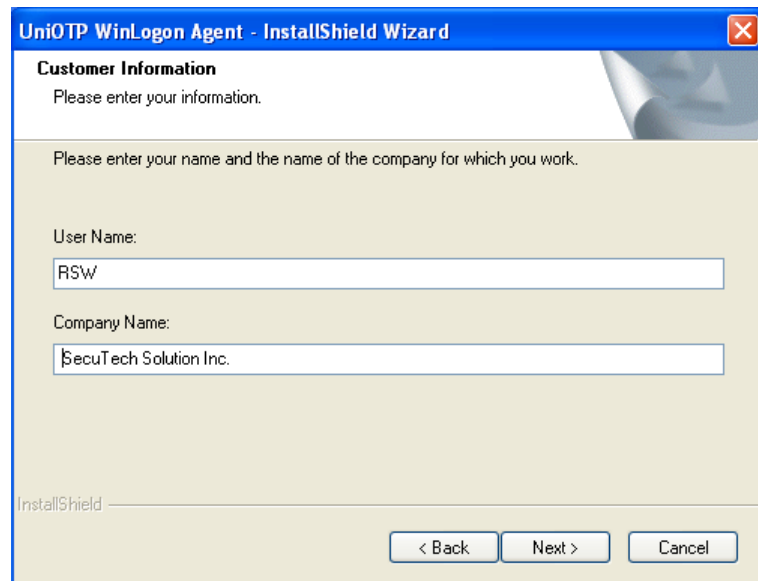
1. The UniOTP authentication server is already installed and is running.
2. The administrator has already created a valid account for the user who will perform the implementation and configured correctly the bind with the corresponding token.

3.2 UniOTP Windows logon agent implementation

Once you have UniOTP Windows distributable package, find the installation file “setup.exe” inside the package and double-click it to launch the installation process.

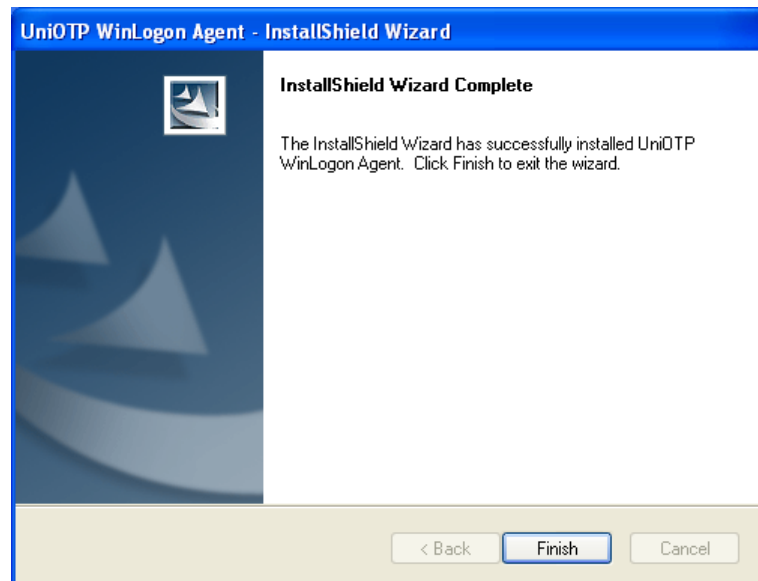


Please fill in username and company name. The installation program will use the company name as folder name for the installation.



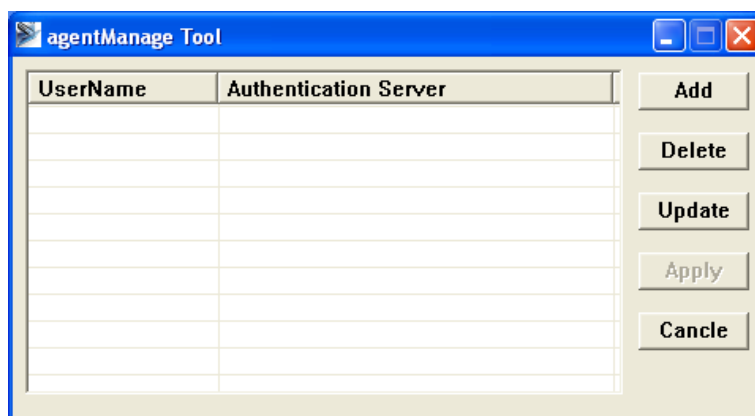
The screenshot shows the 'Customer Information' screen of the 'UniOTP WinLogon Agent - InstallShield Wizard'. The window has a blue title bar with the text 'UniOTP WinLogon Agent - InstallShield Wizard' and a close button. Below the title bar, the text 'Customer Information' is displayed, followed by 'Please enter your information.' and 'Please enter your name and the name of the company for which you work.' There are two text input fields: 'User Name:' with the value 'RSW' and 'Company Name:' with the value 'SecuTech Solution Inc.'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'InstallShield' logo is visible in the bottom left corner.

Please click on “Next” until you get to the screen below. On this screen, click on “Finish” to complete the installation.

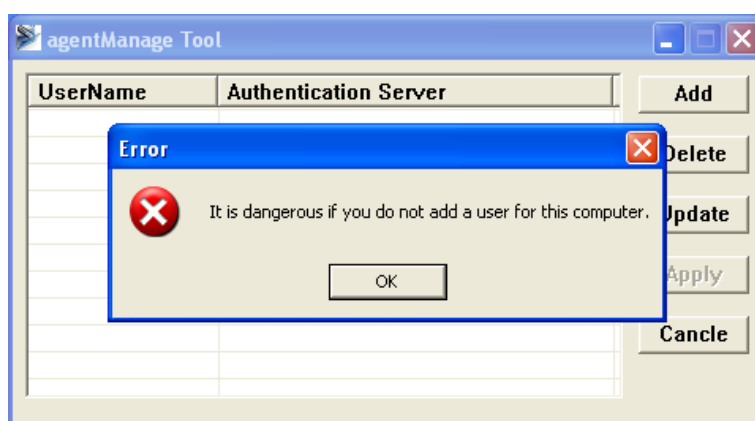


The screenshot shows the 'InstallShield Wizard Complete' screen of the 'UniOTP WinLogon Agent - InstallShield Wizard'. The window has a blue title bar with the text 'UniOTP WinLogon Agent - InstallShield Wizard'. On the left side, there is a large blue graphic with white geometric shapes. On the right side, the text 'InstallShield Wizard Complete' is displayed, followed by 'The InstallShield Wizard has successfully installed UniOTP WinLogon Agent. Click Finish to exit the wizard.' At the bottom, there are three buttons: '< Back', 'Finish', and 'Cancel'.

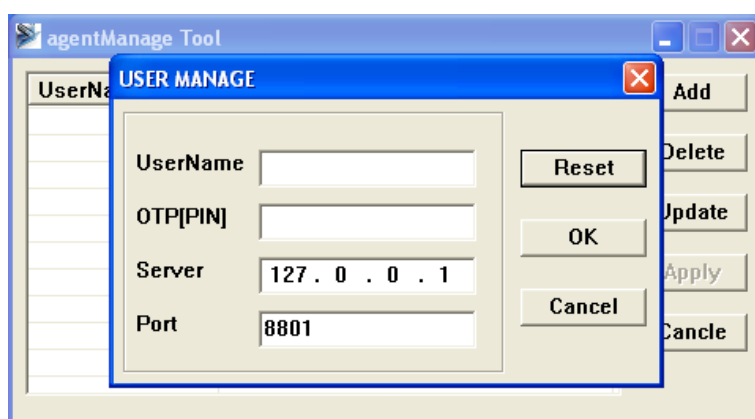
Once the installation has finished, UniOTP User management tool will start automatically.



Now that you have finished UniOTP WinLogon Agent installation, you now need to add a UniOTP account. If you try to close this tool without adding an account, you will get the following error message.

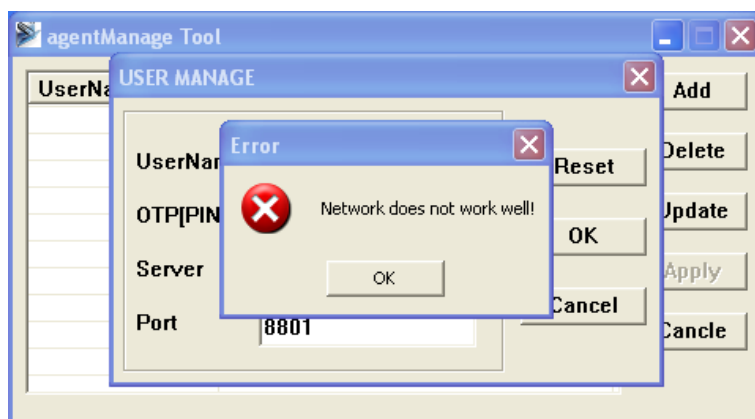


Click the "Add" button in order to add an account for this computer.

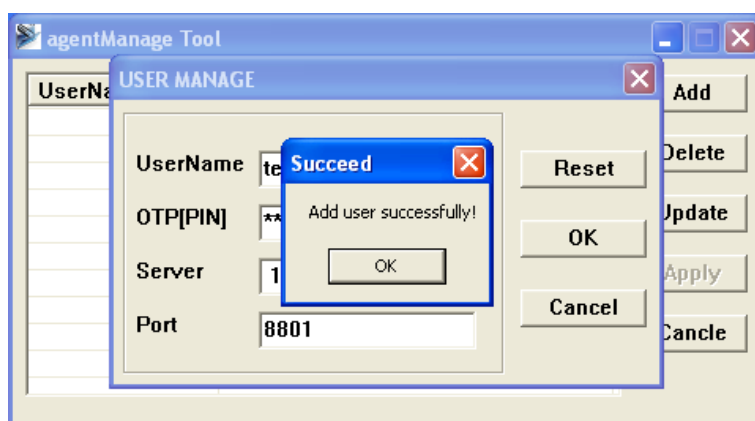


Type in a valid UniOTP account name and the dynamic password displayed by UniOTP at this time (If you chose OTP+PIN as authentication method, you need to input the static PIN just after the dynamic password in this same field). Check that server address and port are correct and click on “OK”.

If for a certain reason, you failed to add the account, the following message will appear:



If the account was added successfully, you will get the following message (In order to enable the account, don't forget to click on the “Apply” button)

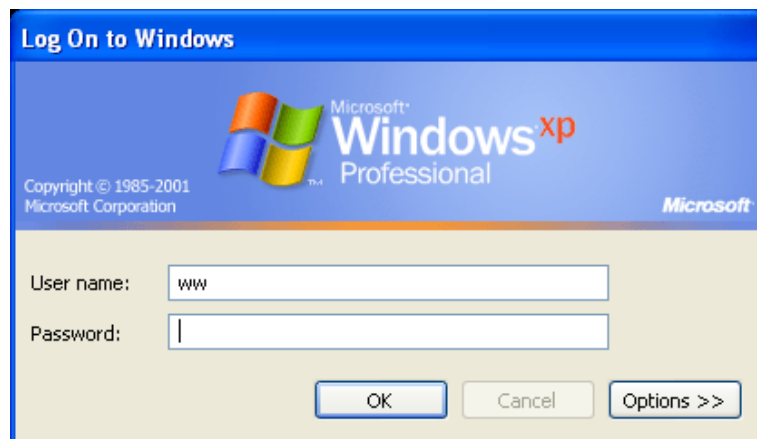


When you finish adding a UniOTP user for this computer, restart the computer and enjoy the dynamic password authentication experience provided by UniOTP.

Chapter 4: WinXP Login

Once the installation completed, let's restart the computer and try to log on.

After restarting, the first thing we see is the usual logon screen.



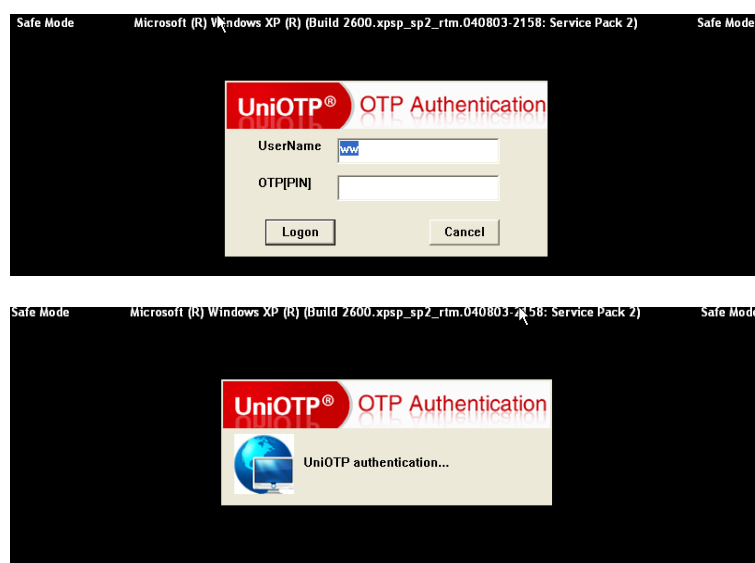
After entering username and password and passing Windows authentication, we also need to pass UniOTP authentication.



Please fill in the username and dynamic password (depending on your settings OTP or OTP+PIN) for the account added in UniOTP management tool and you'll be able to access the operating system. If username is wrong, you'll get the following message. If the password is wrong, you'll be redirected to the Windows Logon screen.



In safe mode, as the computer uses the local backup of user data to perform the user dynamic authentication, and that data is stored locally, therefore it is not synchronized with the server, the dynamic password authentication will take a very long time in safe mode. We do not recommend using Safe mode when UniOTP authentication is installed on the computer. The picture below is the UniOTP dynamic password authentication screenshot in safe mode.



Chapter 5: Important points

When you finish installing UniOTP Windows Authentication Agent, if you cannot pass the authentication test, uninstall the software immediately to avoid being unable to log on the operating system and all the inconvenience it will cause.

If you failed to authenticate many times consecutively (if more than 5 times, ask an operator to check the configuration), please wait 10 minutes before attempting to authenticate again, if you still cannot authenticate for a long time, you need to ask an administrator to repair your device.

Please do not try to modify or delete the `SYSROOT\secuagt_cp.conf` by yourself, this file is used as the configuration file for UniOTP Windows authentication agent, if this file is deleted or damaged, you might be unable to log on the operating system.

In safe mode, UniOTP Authentication usually takes a very long time.

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