

**NORDICEDGE ONE TIME
PASSWORD SERVER™
INTEGRATION MODULE**

**CITRIX ACCESS
GATEWAY 4.0-4.2**

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1 Introduction

NordicEdge One Time Password Server™ Overview

NordicEdge One Time Password Server™ adds an extra security layer to protect your applications. When the user id and password is successfully verified, a “One Time Password” is sent to the user’s mailbox or mobile phone through SMS (Short Message Services). This “One Time Password” will be verified and only then will the user be authenticated to the application.

Integration Module Overview

Citrix Access Gateway 4.0-4.2 integration module for NordicEdge One Time Password Server™ enables strong authentication for Citrix Access Gateway.

Product Features:

- Works with stand-alone AAC and behind CAG appliance
- Multiple servers for fail-over
- Select logonpoints to protect

Pre-requisites & System requirements

OS

Citrix Access Gateway integration module runs on the following Windows platforms:

Windows NT 4 SP 6

Windows 2000 SP 4

Windows 2003 SP 1

IIS & Exchange

Citrix Access Gateway integration module runs on the following Citrix versions:

4.2

Active Directory

Active Directory must be setup and configured for NordicEdge One Time Password Server™ to authenticate and retrieve mobile numbers for users.

OTP can use any LDAP v3 compatible Directory Service and also an ODBC compliant database server to perform authentication and mobile lookup.

OTP Server

NordicEdge One Time Password Server™ 14C or higher.

2 Installation

Installing Citrix Access Gateway integration module

Install Integration module

1. Download the latest package and the latest revision of this document from the NordicEdge One Time Password Server™ product site.
2. Backup the Citrix web root, c:\inetpub\wwwroot\CitrixLogonPoint (default location)
3. Unpack the zipfile contents to c:\inetpub\wwwroot\
4. Run "regsvr32 C:\inetpub\wwwroot\CitrixLogonPoint\bin\OtpW32.dll". Make sure that the NETWORK SERVICE account has access rights to the bin directory.
5. Backup C:\inetpub\wwwroot\CitrixLogonPoint\web.config
5. Edit C:\inetpub\wwwroot\CitrixLogonPoint\web.config:

Add:

```
<add name="AGEHookup" type="Nordicedge.OtpServer.Citrix.AGEHookup,
Nordicedge.OtpServer.Citrix" />to <httpModules> section.
```

Add:

```
<add key="OtpServerList" value="127.0.0.1:3100" /> (ip address of the
NordicEdge One Time Password Server™)
```

```
<add key="ExcludedLogonPoints" value="SampleLogonPoint" /> (put any
logonpoints that should not use OTP here)
```

to <appSettings> section

NORDICEDGE OTP SERVER – INTEGRATION MODULE

7. Make sure the NordicEdge One Time Password Server™ is configured correctly and up and running.
8. Restart IIS Service.
9. Test.

3 Configuration

Configuration

web.config

In web.config it is possible to specify a number of application settings.

Value	Meaning
OtpServerList	This specifies a comma separated list of OTP Servers. Example; 127.0.0.1:3100, otp.company.com:3100
ExcludedLogonPoints	This specifies any logonpoint that should not be protected by OTP authentication. Default is to protect all logonpoints. Example; SampleLogonPoint, noOTPLogonPoint