

OIO Service Oriented Infrastructure

OIOSI RASP Library for .Net

Version 2.0.2

Installation Guide

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# 1 Introduction

The OIOSI RASP Library for .Net is a Microsoft .Net based toolkit for implementation of RASP (Reliable Asynchronous Secure Profile) compliant business applications.

This document describes the steps needed before the RASP Library can be built and used.

The library can be downloaded from <http://digitaliser.dk/group/405467/resources>

## 2 System requirements

In all cases the following is needed

- **Microsoft Windows XP professional** or **Microsoft Windows Server 2003**, including the latest service packs
- **Microsoft Internet Information Services 5.0** or later
- **Microsoft Visual Studio 2008**
- **Microsoft .Net 3.5 Framework**
- **Port 80, 8080 and 8008 (HTTP) outgoing open**
- **Port 389 (LDAP) outgoing port**

To host your own RASP HTTP service you will also need

- **Port 80, 8080 and 8008 (HTTP) ingoing open**

To host your own RASP mail service you will also need

- **Access via POP3 and SMTP to a mail inbox** (exclusively used for this purpose) per endpoint (both server and client side). Furthermore the mail server (and its spam filters) should *not* scramble or discard attachments of MIME type application/soap+xml
- **Port 25 (SMTP) open**

## 3 Install Package

The OIOSI RASP Library is distributed as a zip file, which should simply be unzipped into any folder.

Note that projects within the release pack cannot be moved from their internal paths relative to each other. If so, library references must be updated.

The zip-package contains:

doc	Library documentation
lib	External libraries used by the OIOSI RASP Library
samples	Sample projects
src	The OIOSI RASP library source code
test	Unit and integration tests
dk.gov.oiosi.library.sln	Visual Studio 2008 solution file

## 3.1 NUnit (for running the NUnit sample test)

To run the NUnit test dll located in the test folder, NUnit needs to be installed locally on the machine. When installed the framework can be used to run NUnit tests and develop tests in Visual Studio. Follow the two simple steps to install NUnit:

1. Download the newest install version of NUnit for .Net from [www.nunit.org](http://www.nunit.org).
2. Install the downloaded file.

Now NUnit tests can be executed from NUnit which is located under “start/all programs/NUnit.Net-version/NUnit.Net-version”.

## 3.2 Test endpoints

Test endpoints can be found at the following location:

<http://digitaliser.dk/resource/555072>

## 4 Verifying Installation

To verify that the setup of the library has been done correctly it is recommended that one compiles the RaspClientTests solution and, tries running one of the test projects such as dk.gov.oiosi.test.request, or that the dk.gov.oiosi.test.nunit.library project is compiled and run in NUnit.

## 5 Uninstalling

Uninstalling the RASP Library is done by simply deleting the folders into which the library was unzipped.