White Paper Automation AIS-Plugin Executer v2.1

EU GDPR COMPLIANT

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Contents

1 Infrastructure & technology

Addovation Plugin Executer is built on the recommended integration component delivered by IFS World called IFS .NET Access Provider normally found within the add-on section for a typical IFS installation:

- To create and update data in IFS Applications using Microsoft Excel you need to install the IFS Data Migration Excel As a prerequisite you need to install Visual Studio 2010 Tools for Office Runtime.
- To run IFS Time Clock client you need to install the Time Clock client.
- To run and develop .NET based add-ins for IFS you need to install the IFS .NET Access Provider.
- KPI Services requires the SQL Server ADOMD and AMO providers based on the system type of the client computer
    - ADOMD Provider for SQL Server - for 32 bit OS, for 64 bit OS
    - AMO Provider for SQL Server - for 32 bit OS, for 64 bit OS
    If you would like to install these providers via Microsoft web site, download SQL_AS_ADOMD.msi, SQL_AS_AMO.m

Figure 1 - IFS .NET Access Provider

The IFS Access Provider allows clients to communicate in the same way as IFS Enterprise Explorer in terms of:

- Authentication, users are managed by and in IFS Applications
- Security, by using IFS Applications to determine access to data and database objects such as API's or so-called business logic
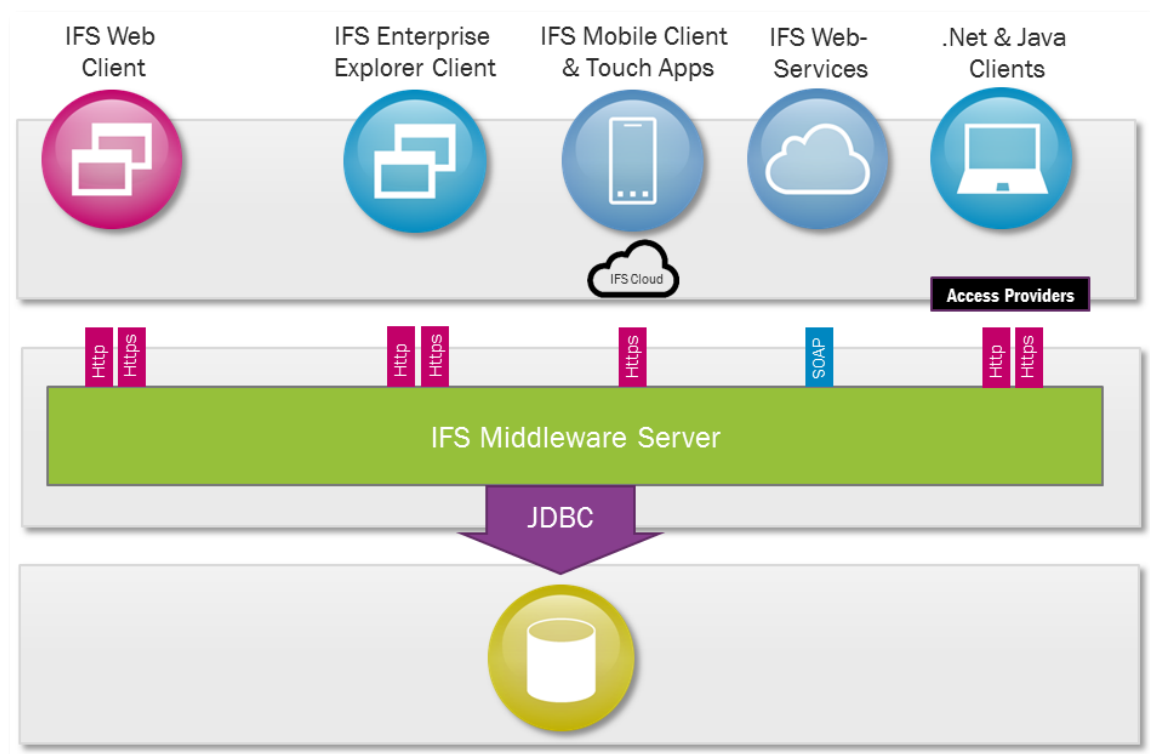

Figure 2 - IFS Application Architecture

More information about this can be found in documentation included with your local IFS Applications installation. Replace the server name (<yourIFSinstallation>) with your installation's path to read the following file:
http://<yourIFSinstallation>/ifsdoc/f1doc/foundation1/010_overview/400_core_server/005_access_provider/default.htm.

Addovation Plugin is a service that simply runs plugins (DLL files) that is implementing a certain contract (IProcess interface). The following drawing describes overall process:
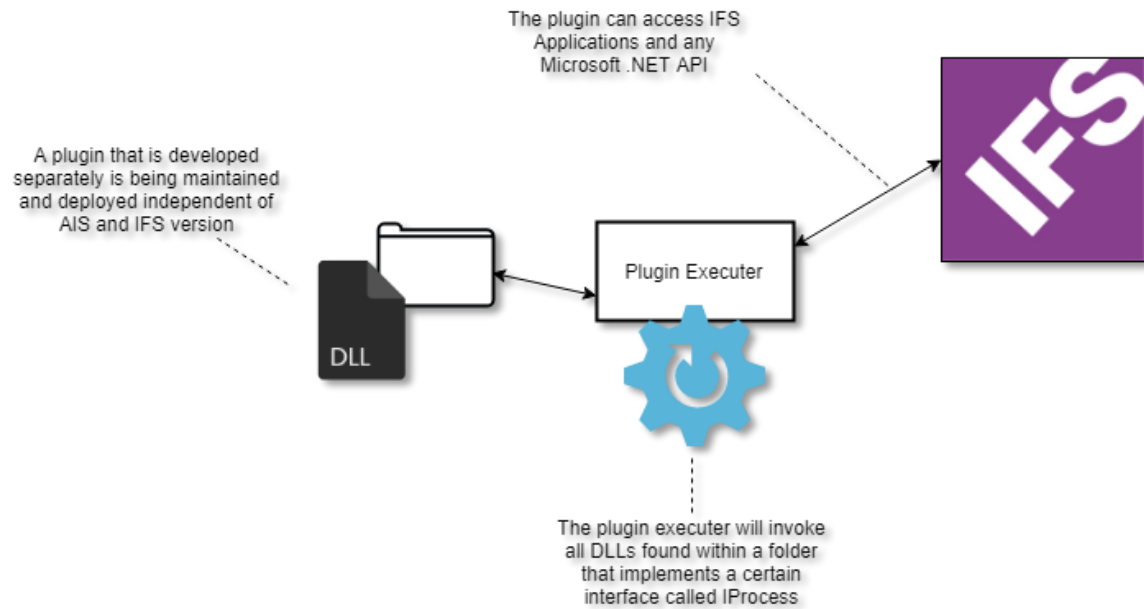
The plugin can access IFS
Applications and any
Microsoft .NET API

A plugin that is developed
separately is being maintained
and deployed independent of
AIS and IFS version

Plugin Executer

The plugin executer will invoke
all DLLs found within a folder
that implements a certain
interface called IProcess

Figure 3 – Plugin Executer Solution Architecture

2   System requirements

The table below describes the system requirements for client machines.

System Requirements for Addovation Plugin Executer	
Operating System	Windows 10 (32-bit or 64-bit) and above Windows Server 2019 (32-bit or 64-bit) and above
Memory	4 GB RAM or more
CPU	Intel/AMD (Dual core or more recommended)
.NET Framework	Full 4.6.2 or newer

*) Other Microsoft Windows versions might work but is unsupported.

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3 Compatibility matrix

Addovation Plugin Executer is compatible with/requires the following operating systems, frameworks and applications:

SUPPORTS / REQUIRES	VERSION / BITNESS	PLUGIN EXECUTER
WINDOWS SERVER 2012	32 and 64	✕
WINDOWS SERVER 2016	32 and 64	✕
WINDOWS SERVER 2019	32 and 64	✓
WINDOWS 7	32 and 64	✕
WINDOWS 8	32 and 64	✕
WINDOWS 10	32 and 64	✓
IFS APPLICATIONS	7	✕
IFS APPLICATIONS	8	✓
IFS APPLICATIONS	9 Upd 15	✓
IFS APPLICATIONS	10 Upd 9	✓

4 Limitations

Non-standard configurations in terms of authentication towards IFS Applications is not supported. Also customizations that might affect standard API:s being used is not supported, for full list of used queries and API:s please contact Addovation if in doubt.

Installation of software requires writing to registry in local machine hive.

Addovation does not install any special views or packages in the database.

5 GDPR compliance

Addovation Plugin Executer from Addovation obeys regulations controlled by GDPR and communicates in the same way as IFS Applications Enterprise Explorer 8, 9 and 10.

The only information that is being stored is locally on the machine that are settings in the configuration file:
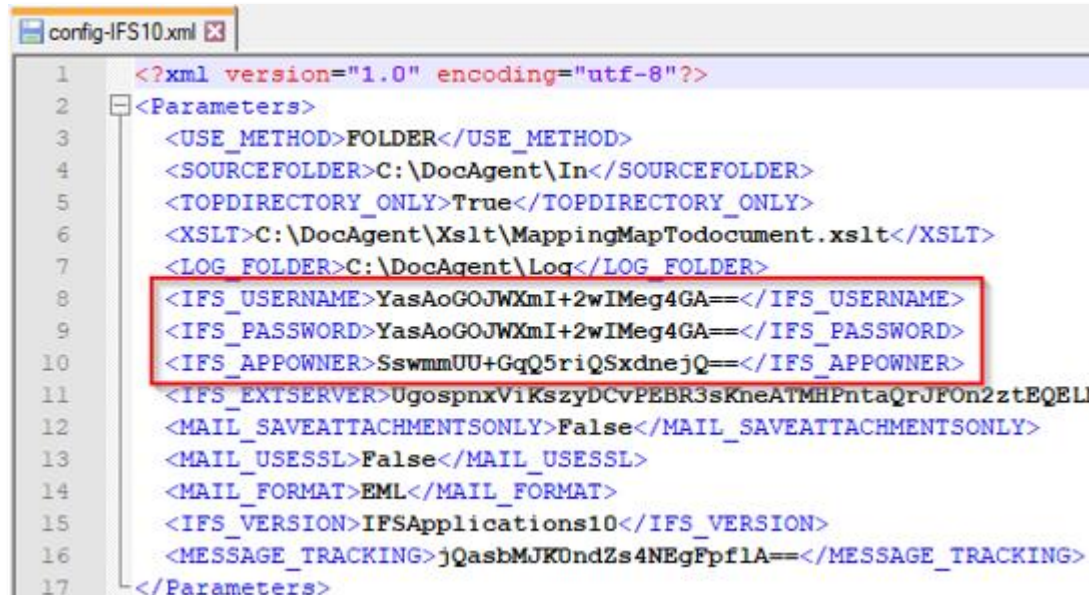

Figure 4

Purpose is to establish the connection between Plugin Executor service and IFS Applications.

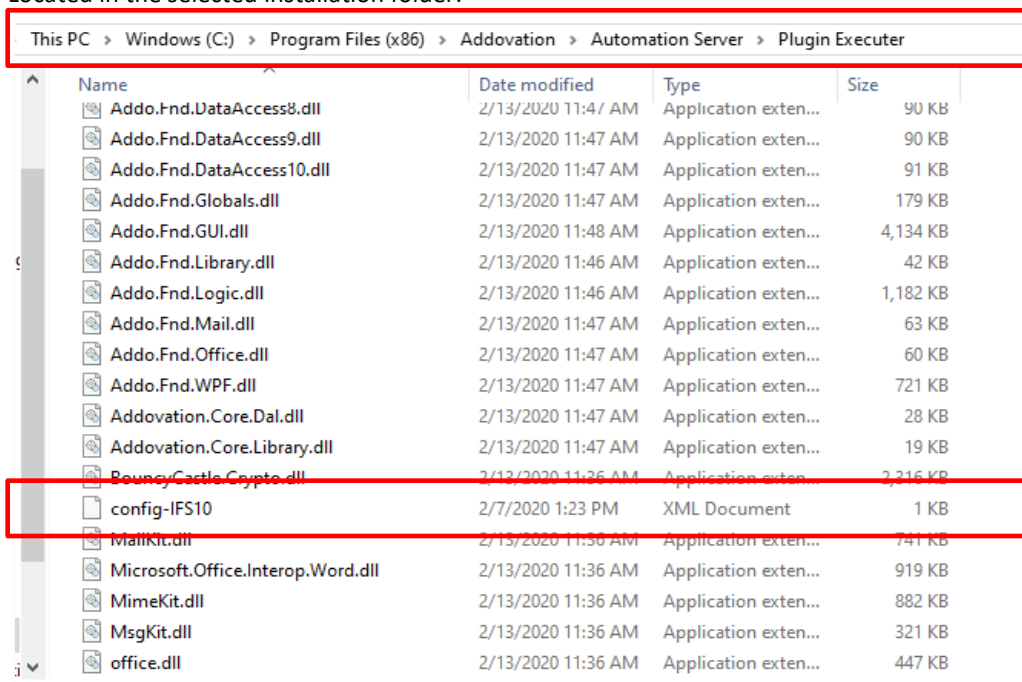Located in the selected installation folder:

Figure 5 Location of config file

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Log file

If the end-user has enabled log on information, all the commands and PLSQL blocks will be stored in the file.

Purpose is to ease debugging for support personnel. Log file can easily be deleted. No passwords are being stored in log file.

However, the plugin itself is responsible for logging – but AIS Plugin Executer itself does not store any sensitive information that is not encrypted.

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6 Contact

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For existing customers, please use http://support.addovation.com

For further inquiries, please have a look at www.addovation.com for contact information.