White Paper Automation AIS-Document Agent v2.1

EU GDPR COMPLIANT

Updated: Date 2020-09-23

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Contents

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1   Infrastructure & technology

Addovation Document Agent 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:

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
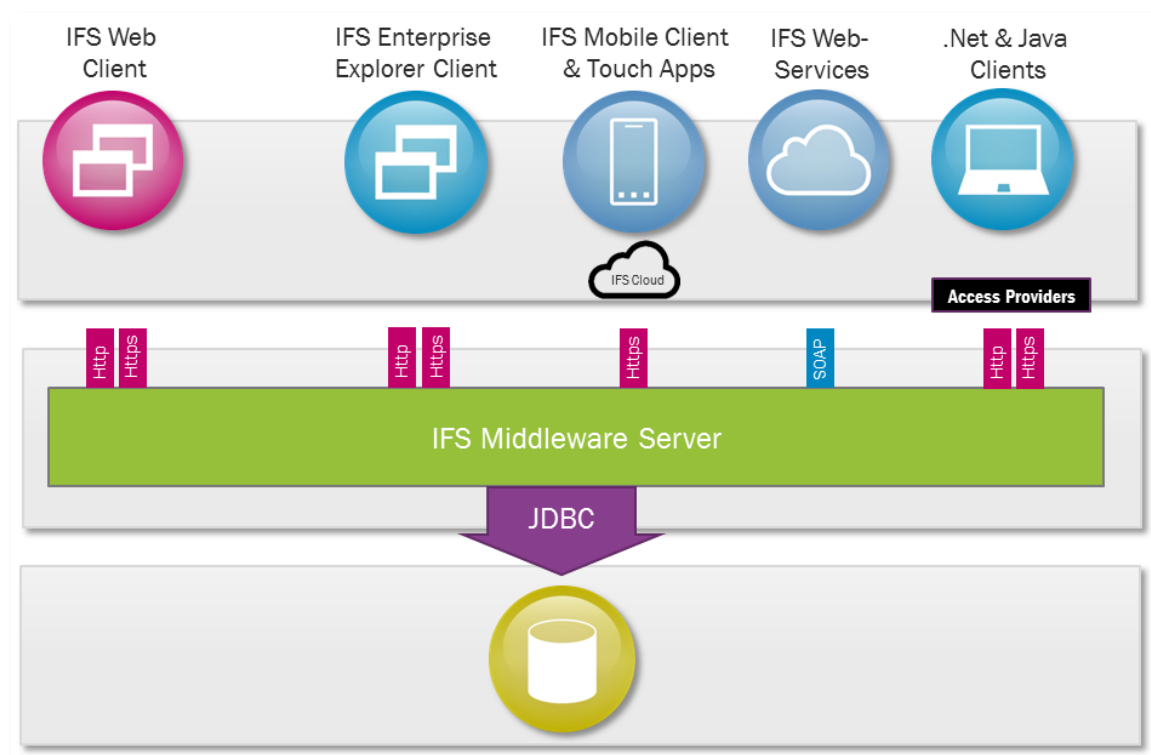

Figure 2 - IFS Application Architecture

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 Document Agent is listening on either a folder, folder structure or POP3 email account. The following drawing describes overall process:

The file(s) can be checked in and connected to business object and possibly trigger an event

Document Agent either listens on a folder, folder structure or e-mail account

Document Agent

Once a file or e-mail is being detected, it is being processed according to a rule set

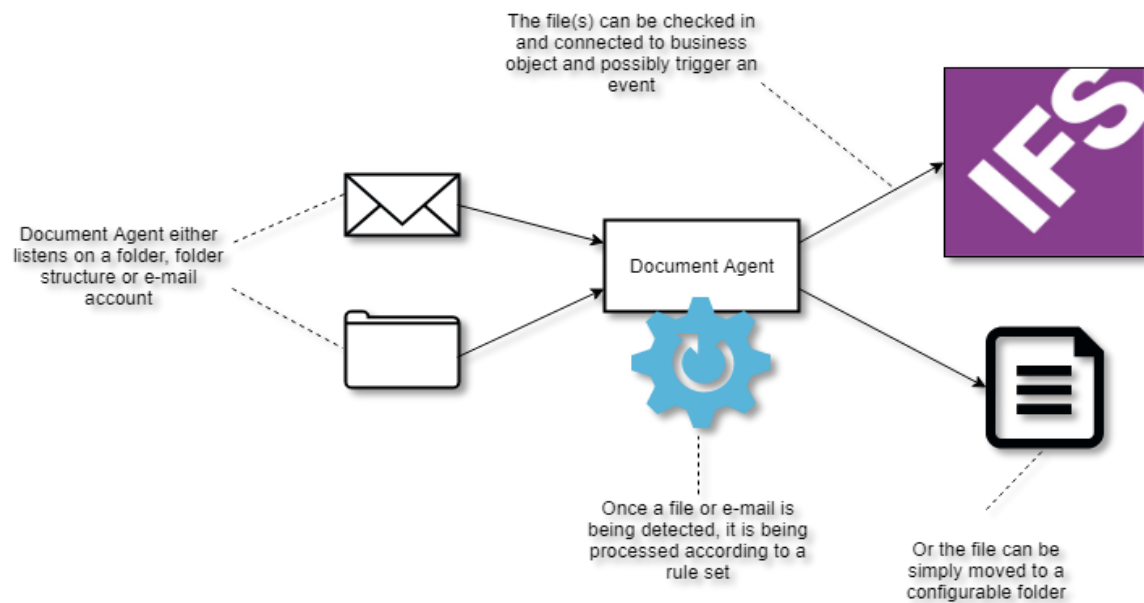Or the file can be simply moved to a configurable folder

Figure 3 – DOC AGENT Solution Architecture

2 System requirements

The table below describes the system requirements for client machines.

System Requirements for Addovation Document Agent	
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
E-mail server	Office365 or Microsoft Exchange 2019
E-mail protocol	POP3 only, IMAP is NOT supported

*) Other versions of Microsoft Windows and/or IIS might work, but they are not supported. There is no support for Azure Stack nor Microsoft Exchange on-premise.

3   Compatibility matrix

Addovation Document Agent module is compatible with/requires the following operating systems, frameworks, and applications:

SUPPORTS / REQUIRES	VERSION / BITNESS	DOCUMENT AGENT
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.

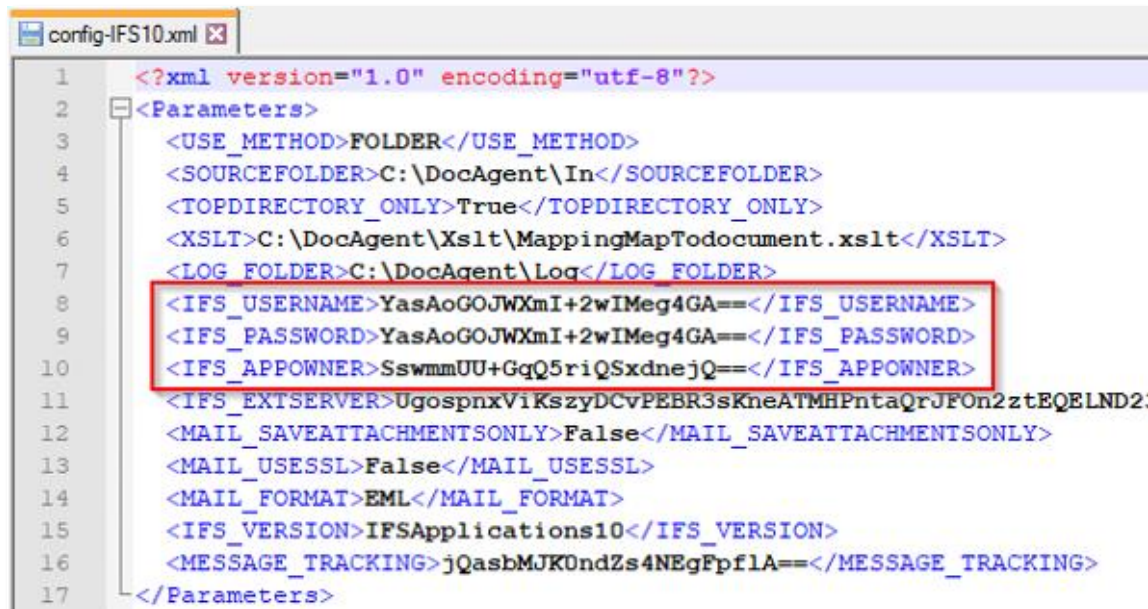Installation of software requires writing to registry in local machine hive.

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

5   GDPR compliance

Addovation Document Agent 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:

Purpose is to bridge the communication between Document Agent service and IFS Application.


```xml
config-IFS10.xml
1    <?xml version="1.0" encoding="utf-8"?>
2    <Parameters>
3        <USE_METHOD>FOLDER</USE_METHOD>
4        <SOURCEFOLDER>C:\DocAgent\In</SOURCEFOLDER>
5        <TOPDIRECTORY_ONLY>True</TOPDIRECTORY_ONLY>
6        <XSLT>C:\DocAgent\Xslt\MappingMapTodocument.xslt</XSLT>
7        <LOG_FOLDER>C:\DocAgent\Log</LOG_FOLDER>
8        <IFS_USERNAME>YasAoGOJWXmI+2wIMeg4GA==</IFS_USERNAME>
9        <IFS_PASSWORD>YasAoGOJWXmI+2wIMeg4GA==</IFS_PASSWORD>
10       <IFS_APPOWNER>SswmmUU+GqQ5riQSxdnejQ==</IFS_APPOWNER>
11       <IFS_EXTSERVER>UgospnxViKszyDCvPEBR3sKneATMHPntaQrJFOn2ztEQELND2:
12       <MAIL_SAVEATTACHMENTSONLY>False</MAIL_SAVEATTACHMENTSONLY>
13       <MAIL_USESSL>False</MAIL_USESSL>
14       <MAIL_FORMAT>EML</MAIL_FORMAT>
15       <IFS_VERSION>IFSApplications10</IFS_VERSION>
16       <MESSAGE_TRACKING>jQasbMJK0ndZs4NEgFpf1A==</MESSAGE_TRACKING>
17   </Parameters>
```
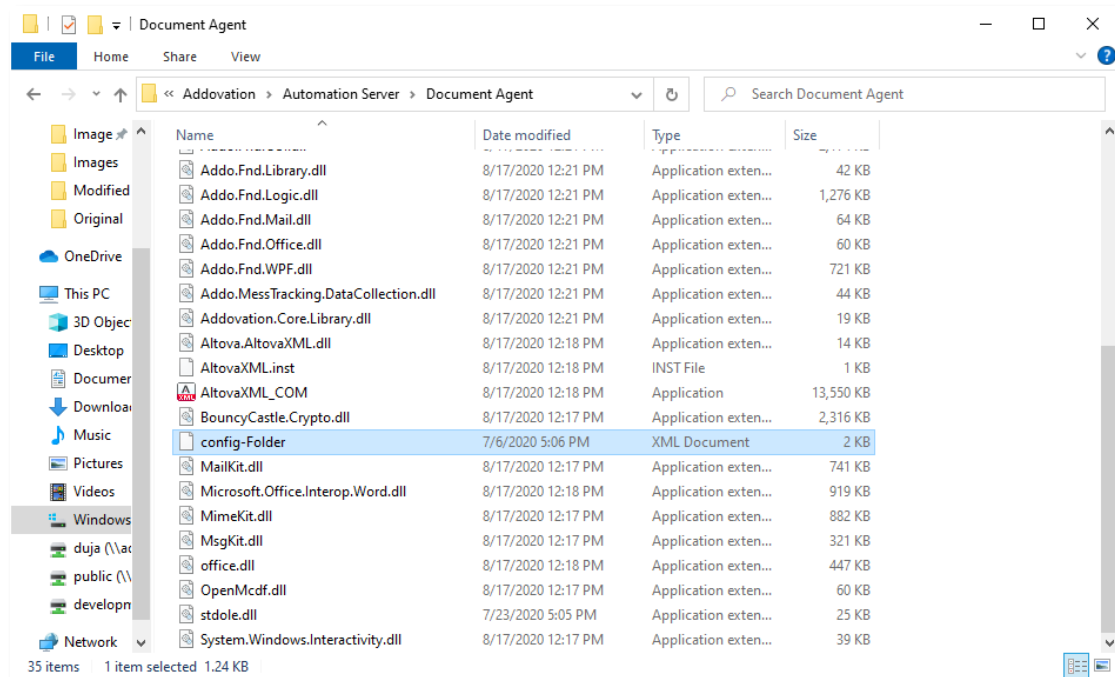
Figure 4 - Encrypted Details

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Located in selected installation folder:

Figure 5 - Located Folder

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.

6 Contact

For further inquiries, please contact your nearest Addovation office:

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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.