Brainware for Invoices

Technical Specifications

Version: 3.0.x

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Hyland

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About the Brainware for Invoices technical specifications

Brainware for Invoices (BFI) is a multi-tenanted, out-of-the-box Accounts Payable solution that automates data entry for invoices and credit notes.

This document provides the technical specifications for Brainware for Invoices.

Use the requirements provided in this document as a guideline. The actual hardware and software configuration depends on your specific requirements.

Server Requirements

The following table lists the minimum requirements for BFI servers.

Specification	Servers processing up to 500 pages per day	Servers processing up to 5,000 pages per day	Servers processing up to 10,000 pages per day
Processor	As a minimum requirement, use a dual core processor running at 3 GHz.	As a minimum requirement, use a quad core processor running at 3 GHz.	As a minimum requirement, use a 8 core processor running at 3 GHz
Memory	Minimum 4 GB, 2 GB per core	Minimum 8 GB, 2 GB per core	Minimum 16 GB, 2 GB per core
Disk space	20 – 40 GB	100-200 GB	Minimum 200 GB

Additional server requirements

The following table lists the additional requirements for BFI servers.

Specification	Description
Operating Systems	• Microsoft Windows Server 2012 R2 • Microsoft Windows Server 2016
Software	Microsoft .NET Framework 3.5 SP1
Network	A 100 MB/s network, configured at full duplex or auto-negotiate. We recommend a 1 GB/s network to provide optimal performance.

Verifier Client Requirements

The following table lists the requirements for BFI Verifier clients.

Specification	Description
CPU	As a minimum requirement, use a one-core processor running at 2.4 GHz.
Memory	Minimum 1 GB in addition to the memory recommended for the operating system
Disk Space	Minimum 40 GB
Operating Systems	• Microsoft Windows 7 • Microsoft Windows 10
Software	Microsoft .NET Framework 3.5 SP1
Network	A 100 MB/s network, configured at full duplex or auto-negotiate. We recommend a 1 GB/s network to provide optimal performance.
DBMS	If you use Oracle as a database, you must install a 32-bit Oracle client on any desktop that runs a BFI Verifier client.

Database Server Requirements

Hardware requirements specified by respective DBMS vendors are required in addition to BFI-specific requirements. We recommend installing the database on a separate server.

Note:
We do not recommend the use of network attached storage (NAS) devices.

The following table lists the requirements for BFI database servers.

Component	Minimum
CPU	As a minimum requirement, use a quad-core processor running at 3 GHz.
Memory	8 GB
Disk Space	100 GB
Operating System	• Microsoft Windows Server 2012 R2 • Microsoft Windows Server 2016
Software	Microsoft .NET Framework 3.5 SP1

Component	Minimum
DBMS	• Microsoft SQL Server 2014 SP2 • Microsoft SQL Server 2016 SP1 • Oracle 11g R2 (32-bit) • Oracle 12c • Oracle 12c R2 If you use Oracle as a database, you must install a 32-bit Oracle client on any workstation or server where BFI communicates with the database.

Compatibility

The following table lists the BIC versions compatible with Brainware for Invoices.

Brainware for Invoices Releases	5.7	5.7.1	5.8	5.9
1007F, G	Yes	Yes	Yes	Yes
2.1	Yes	Yes	Yes	Yes
2.2	Yes	Yes	Yes	Yes
2.3, 2.4, 2.5, 2.6, 2.7, and 2.8	Yes	Yes	Yes	Yes
3.0		Yes	Yes	Yes

Supported languages

Language	1006*	1007*	2.X	3.0
Bulgarian	Yes	Yes	2.1+	Yes
Chinese (Simplified)		1007D+	2.1+	Yes
Czech	Yes	Yes	2.1+	Yes
Danish	Yes	Yes	2.1+	Yes
Dutch	Yes	Yes	2.1+	Yes
English	Yes	Yes	2.1+	Yes

Language	1006*	1007*	2.X	3.0
Estonian	Yes	Yes	2.1+	Yes
Finnish	Yes	Yes	2.1+	Yes
French	Yes	Yes	2.1+	Yes
German	Yes	Yes	2.1+	Yes
Greek	Yes	Yes	2.1+	Yes
Hungarian	Yes	Yes	2.1+	Yes
Italian	Yes	Yes	2.1+	Yes
Japanese		1007D+	2.1+	Yes
Korean		1007E+	2.1+	Yes
Latvian	Yes	Yes	2.1+	Yes
Lithuanian	Yes	Yes	2.1+	Yes
Norwegian	Yes	Yes	2.1+	Yes
Polish	Yes	Yes	2.1+	Yes
Portuguese	Yes	Yes	2.1+	Yes
Portuguese (Brazilian)	Yes	Yes	2.1+	Yes
Romanian	Yes	Yes	2.1+	Yes
Russian	Yes	Yes	2.1+	Yes
Slovak	Yes	Yes	2.1+	Yes
Slovenian	Yes	Yes	2.1+	Yes
Spanish	Yes	Yes	2.1+	Yes
Swedish	Yes	Yes	2.1+	Yes

Language	1006*	1007*	2.X	3.0
Thai		1007F+	2.3+	Yes
Turkish	Yes	Yes	2.1+	Yes

Network port usage

BFI and its related products use specific network ports as part of the default implementation. If needed, you can modify port assignments. The following table lists the Internet Assigned Number Authority (IANA) for networking protocols. It is possible that your networking group has changed ports for LDAP, SMTP, POP3, or for database traffic to meet your organization's security requirements.

Note:

For integrations with ERP solutions, consult with your Hyland representative for information on the ports that Brainware requires and uses.

Port	Usage
110	RTS - incoming email (POP3)
50607	RTS - instances
3000	ABBYY FineReader 10 Network License Manager
3011	ABBYY FineReader 11 Network License Manager
1433	Microsoft SQL Server database
1521	Oracle database

ERP integration

Brainware for Invoices versions 1007x, 2.x, and 3.x support SAP ECC 6.0.