

## B2|CSD Integration Module

### Functional description

The **B2|CSD Integration Module (IM)** supports connection to Completion String Design (CSD) databases. The primary functionality of the **B2|CSD IM** is to:

- Read and inspect the content of CSD database
- Read the completion data and store it in the **B2|Meta Model**
- Monitors the CSD database for changes (24x7)

### General technical considerations

Access to the database is provided through a SQL-interface.

### Supported data types

The B2|CSD IM reads, for each completion component:

Datatype	Read	Write	Comment
Component type / pipe type	Y	N	
Length	Y	N	
Diameter	Y	N	

### Released versions

The following table lists the released versions of B2|CSD IM:

Version	Supported B2 Collaboration and Integration Server	CSD version
V3.2	V3.2 and v4.0	CSD 7.2 or later
V4.0	V4.0	CSD 7.2 or later
V4.1	V4.0, V4.1	CSD 7.2 or later

### Technical requirements

Operating system: Microsoft Window Server 2003 x64 SP2 or Linux (RHEL) 64-bit

Software requirements: Requires Oracle Java

Other requirements:

- Requires a running instance of B2|Collaboration Server.
- Requires user account access to a running instance of CSD database.

### B2 infrastructure

The **B2|Integration Modules** are components in the B2 suite. The B2 suite also contains the required server and integration components, such as the **B2|Collaboration and Integration Server**, **B2|Meta Model** and **B2|Web Service**.

This common infrastructure serves end-user application clients such as the **B2|Integrated Well Planning**, **B2|Integrated Operations**, **B2|Virtual View** and **B2|Virtual Arena**.