

B2|OpenWorks Grid Integration Module

Functional description

The **B2|OpenWorks Grid Integration Module (IM)** supports connection to Landmark OpenWorks databases via the Openworks system developer kit API. The primary functionality of the **B2|OpenWorks Grid IM** is to:

- Read and inspect the content of OpenWorks projects and look for grids or horizon files, both in time and depth domains
- Publish OpenWorks project grid file content information to the **B2|Meta Model**
- Monitor OpenWorks projects for new grids or changes in existing grids
- Read and organise grids according to “Strata” and “Interpreter” for easy browsing

Supported data types

The B2|OpenWorks Grid IM supports the following data types:

Datatype	Comments	Read	Write
OW projects	R2003+R5000	Y	N
Grids / horizons	R2003+R5000	Y	N
Strata information / name	R2003+R5000	Y	N

Released versions

The following table lists the released versions of **B2|OpenWorks Grid IM**:

Version	Supported B2 Collaboration Server	Supported OW version
V3.2	V3.2 and v4.0	OW R2003
V4.0	V4.0	OW R2003, R5000
V4.1	V4.0, V4.1	OW R2003, R5000

Technical requirements

Operating system: Linux (RHEL) 64-bit

Software requirements: Requires Oracle Java

Other requirements:

- Requires a running instance of **B2|Collaboration and Integration Server**.
- Requires OpenWorks license and OW SDK (but this is shared between all OpenWorks IMs for each field / OW server)
- Requires a system user with “Interpreter” access to the relevant data in OW

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**.