

B2|OpenWorks Tracker Integration Module

Functional description

The B2|OpenWorks Tracker Integration Module (IM) connects to Landmark OpenWorks database via Landmark Openworks API (Linux). The primary functionality of the B2|OpenWorks Tracker IM is to:

- Monitor the wells in the OpenWorks database for changes in the Measured Depth (MD) data value
- Produce an activity update and store this in the B2 model (listened to by the B2|Tracking IM).
- Monitoring of the OpenWorks database for changes is done 24x7

Supported data types

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

Datatype	Comments	Read	Write
Measured Depth	R2003+R5000	Y	N

Released versions

The following table lists the released versions of B2|OpenWorks Tracker 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

Technical requirements

Operating system: Linux 32- or 64-bit

Software requirements: Requires Oracle Java

Other requirements:

- Requires a running instance of B2|Collaboration Server.
- Requires OpenWorks license (but this is shared between all OpenWorks IMs for each field / OW server)
- The Halliburton native code may have a memory leak. As a result the IM must be restarted nightly in a production deployment.

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 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**.