Release notes — UMAS Driver for Ignition 8.1

Deutsche Fassung: RELEASE_NOTES.de.md

What changes for you when you install a new version of this module: new features, changed behaviour, what was removed and what was fixed. This includes changes in the ToddySoft Connect UMAS driver inside the module. Every item is described in full in the manual (*Version history* and the sections it points to).

1.3.0 — 2026-11-13

Built on ToddySoft Connect 1.3.0.

Before you upgrade

- **Ignition 8.1.33 or later is required** (Java 17). On older 8.1 releases Ignition refuses the install. Upgrade Ignition first.
- **The licence agreement has changed**, so Ignition asks you to accept it again.
- **Date and time tags have new value types.** DATE and DATE_AND_TIME are DateTime values; TIME and LTIME are milliseconds; TIME_OF_DAY and LTIME_OF_DAY are milliseconds since midnight. Writes take the same forms. Check scripts and bindings that use them.

New

- **Triggered groups:** tags read together when a trigger tag changes, instead of at a fixed polling rate.
- **Licence diagnosis on the gateway:** why a device is or is not licensed, with a report to send to support.
- **An expired licence keeps working for its 30-day grace period**, and the gateway names its end date. Until now an expired licence was reported as corrupted and refused at once.
- **Installing or upgrading the module needs no gateway restart** on Ignition 8.1.
- **Manual:** the first edition of this module's manual, including activating, renewing and moving the licence, online and offline.

Changed

- **Browsing:** an array is one folder holding its elements, an array of structures a folder per element. Existing tags keep their item paths and keep working.
- **The device status is accurate:** *Connected* once reads succeed, and a paused tag group says why it is paused.
- The module's description on the gateway says it is the build for Ignition 8.1.

Fixed

- **Licence:** a valid licence is no longer reported as *corrupted* after a gateway start, nor when Ignition delivers it while the gateway is running. The licence itself no longer appears in the gateway or audit log.
- **Writes the PLC refuses fail in Ignition**, with the reason as the status. They used to be reported as successful.
- **Tag quality:** a tag not read yet, or whose last read failed, no longer reads 0 with Good quality.
- **Writing an array range** such as `MyArray[1..8]` is refused as unsupported, as reading one is, instead of being reported as a variable that does not exist.
- **TIME values out of range are refused** instead of wrapping around (a write of -1 ms used to arrive as 49 days).
- **Unusual programs browse and read safely:** a data type that refers to itself can no longer crash a browse or make a read hang. A variable the driver cannot type is skipped and named in the log instead of stopping the whole device.
- Removing the last tag of a tag group no longer leaves the device in *Connection Lost*.
- A device no longer fails to start with `NoClassDefFoundError: …/PlcDeviceSetup`.