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How to

# Convert L5K Version 1 to L5K Version 2



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## **Abstract:**

This document provides a step by step procedure for updating your Native Tags via L5K driver version 1.04 to 2.00. Following the steps in order is crucial in completing a smooth conversion.

## **Products:**

G3 Series HMI / G3 Kadet HMI / Graphite<sup>®</sup> HMI / Modular Controller / Data Station Plus / ProductVity Station

## **Use Case:**

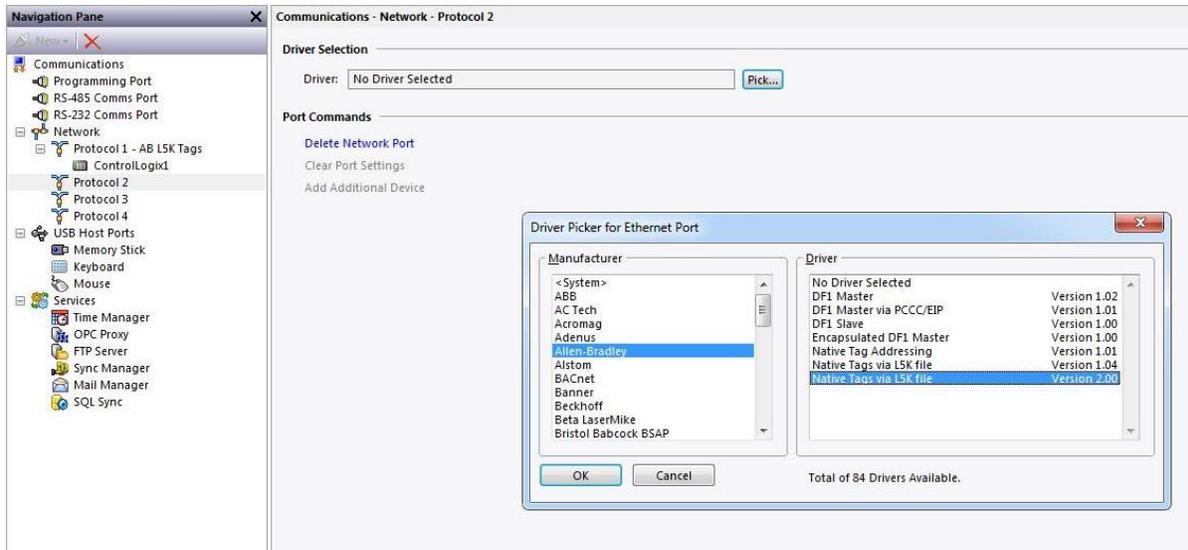
Converting a Crimson<sup>®</sup> 3.0 file from the original driver to the enhanced version

## **Required Software:**

Crimson<sup>®</sup> 3.0

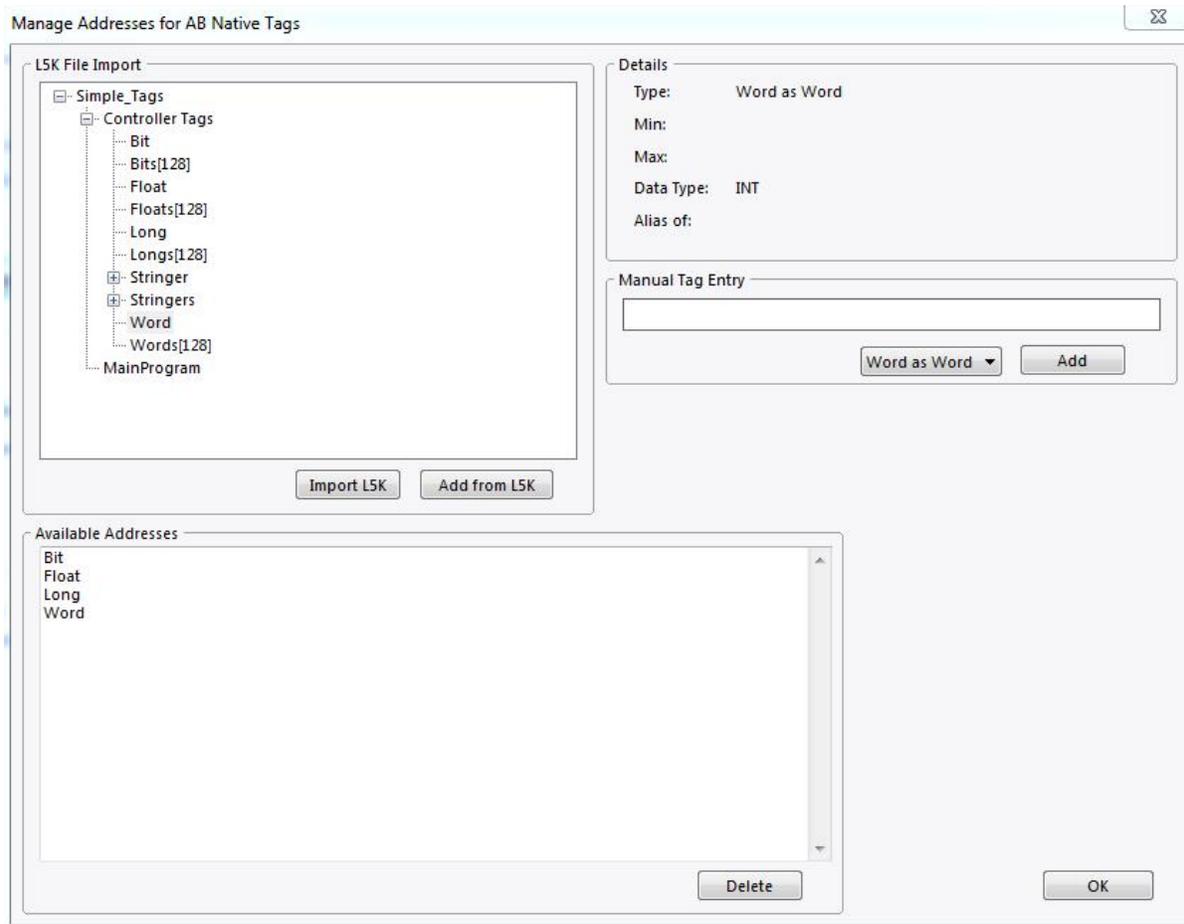
**Procedure:**

- Launch Crimson 3.0 and open the database which currently uses the L5K driver version 1.04.
- Select Communications found under the Navigation Pane.
- Highlight the first available network protocol.
  - If none are available, right click Network and Add Network Port.
- Click the Pick button and choose Allen-Bradley Native Tags via L5K file, version 2.00.



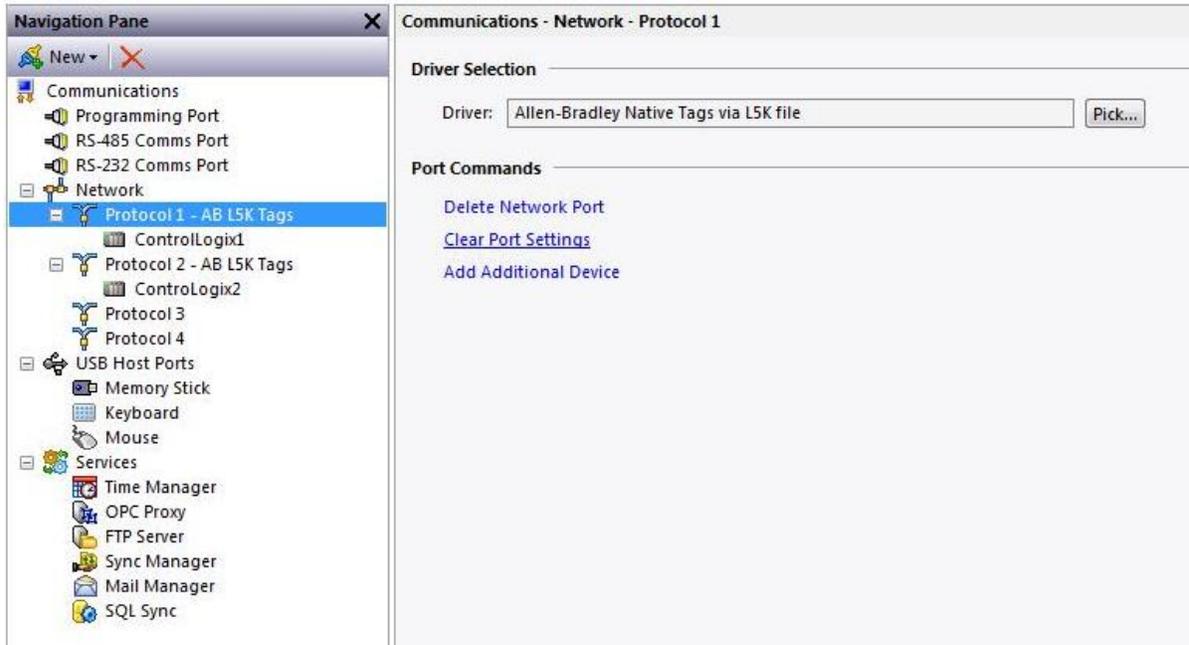
- Click OK and a new PLC will appear below the communications port.
- Continue clicking “Add Additional Device” until there is the same number of PLCs below the version 2.00 protocol as the version 1.04 protocol.
- Highlight the first PLC and enter the appropriate IP address.

- With the PLC still highlighted, click the “Manage Tags” button.
  - Click Import L5K and navigate to the appropriate L5K file for the PLC.
  - Scroll through the L5K tag list and either double-click or highlight and click the Add from L5K button for each tag currently used in the Crimson 3.0 database.
  - Verify that each tag used in the Crimson 3.0 database is now in the Available Addresses list as this is critical to completing a smooth conversion.
- Then click OK to exit the tag manager.



- Repeat the above steps for each PLC under the version 2.00 protocol.
- Please take note of the exact spelling of each PLC name currently configured for Native Tags via L5K version 1.04.

- Highlight the network protocol currently configured for version 1.04 and click Clear Port Settings



- Proceed to rename all PLCs under version 2.00 to the corresponding version 1.04 name.
- Upon successful rename of all PLCs, all tags and display page objects will be re-associated properly.

**Disclaimer:**

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