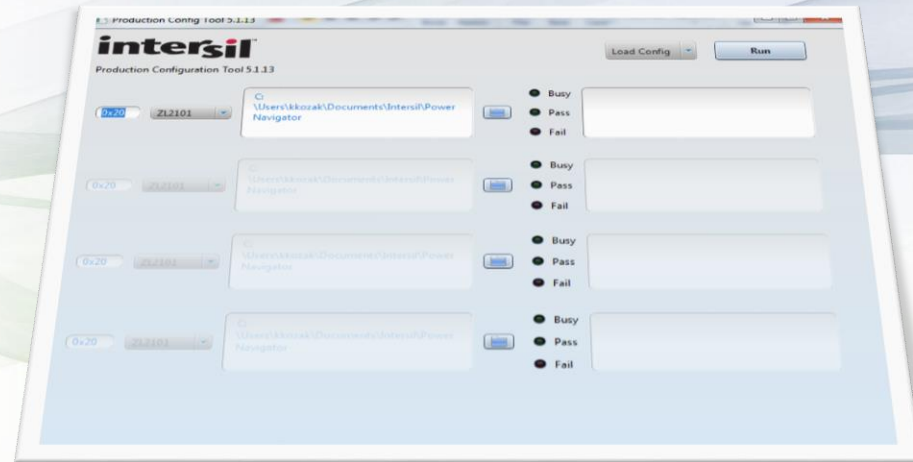# Production Configuration Utility
Version 1.0.10

USER GUIDE

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PCT Overview

- ## What is PCT?
  - Production configuration tool for quick loading and verification of configuration files into Intersil Digital Power controller/modules.

- ## Features
  - Program or verify configuration for multiple devices at the same time
  - Supports all devices supported by PowerNavigator
  - Data logging to error.txt file

- ## Both standard Configuration files and production HEX files can be used
  - PCT will load and verify either format

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PCT 1.0.10 – Supported Devices

- Integrated FET Digital Regulators: ZL2101, ZL2102

- Digital Controllers: ZL6105, ZL8101, ZL8800, ZL8801

- Digital Multiphase: ISL6388, ISL6398

- Digital Modules: ZL9006M, ZL9010M, ZL9101M, ZL9117M, ISL8270M, ISL8271M, ISL8272M

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Instructions

- ## Installation
  - Double-click "configCheckSetup.exe" and follow instructions
  - Installer will place icon on Desktop and inside Start Menu

- ## Running
  - Connect ZLUSBEVAL3Z dongle to computer and power system's PMBus header
  - Ensure input voltage is provided to all devices to be programmed.

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Device Selection Screen
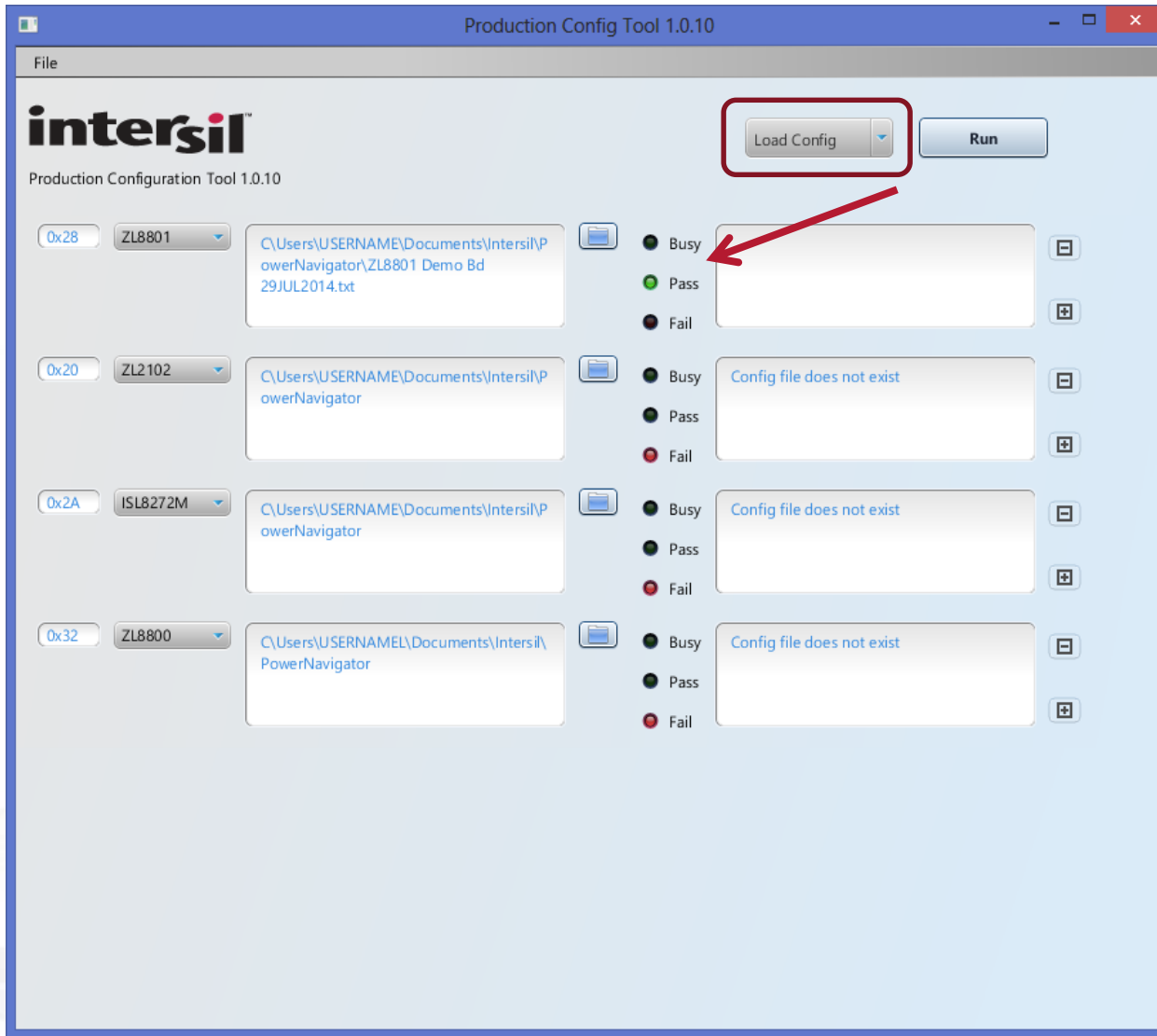
Modes: <u>Load</u> config file to device or <u>Verify</u> existing device against a config file
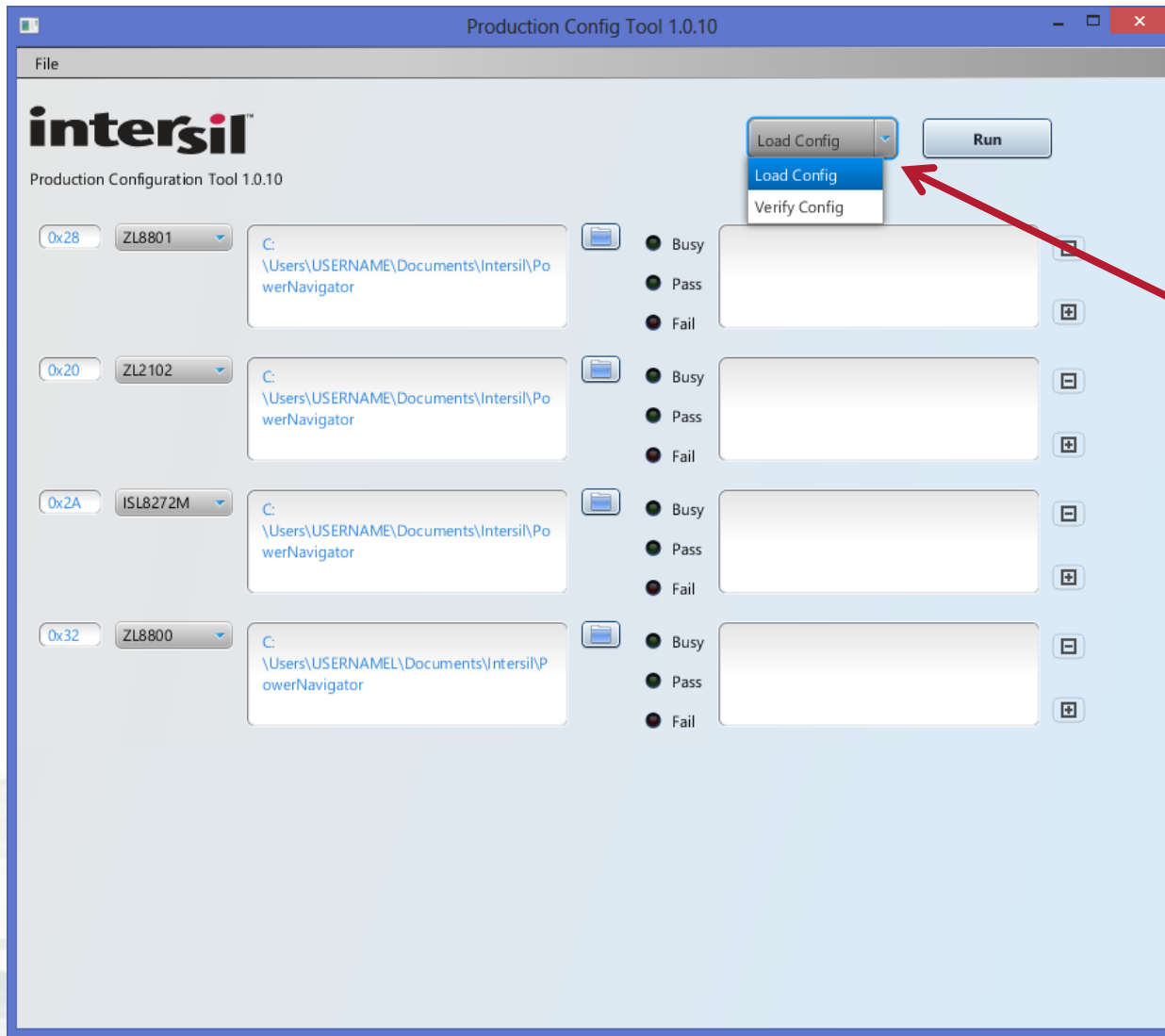
Press "Run" to start load or verify process.
Status lights show pass/fail results
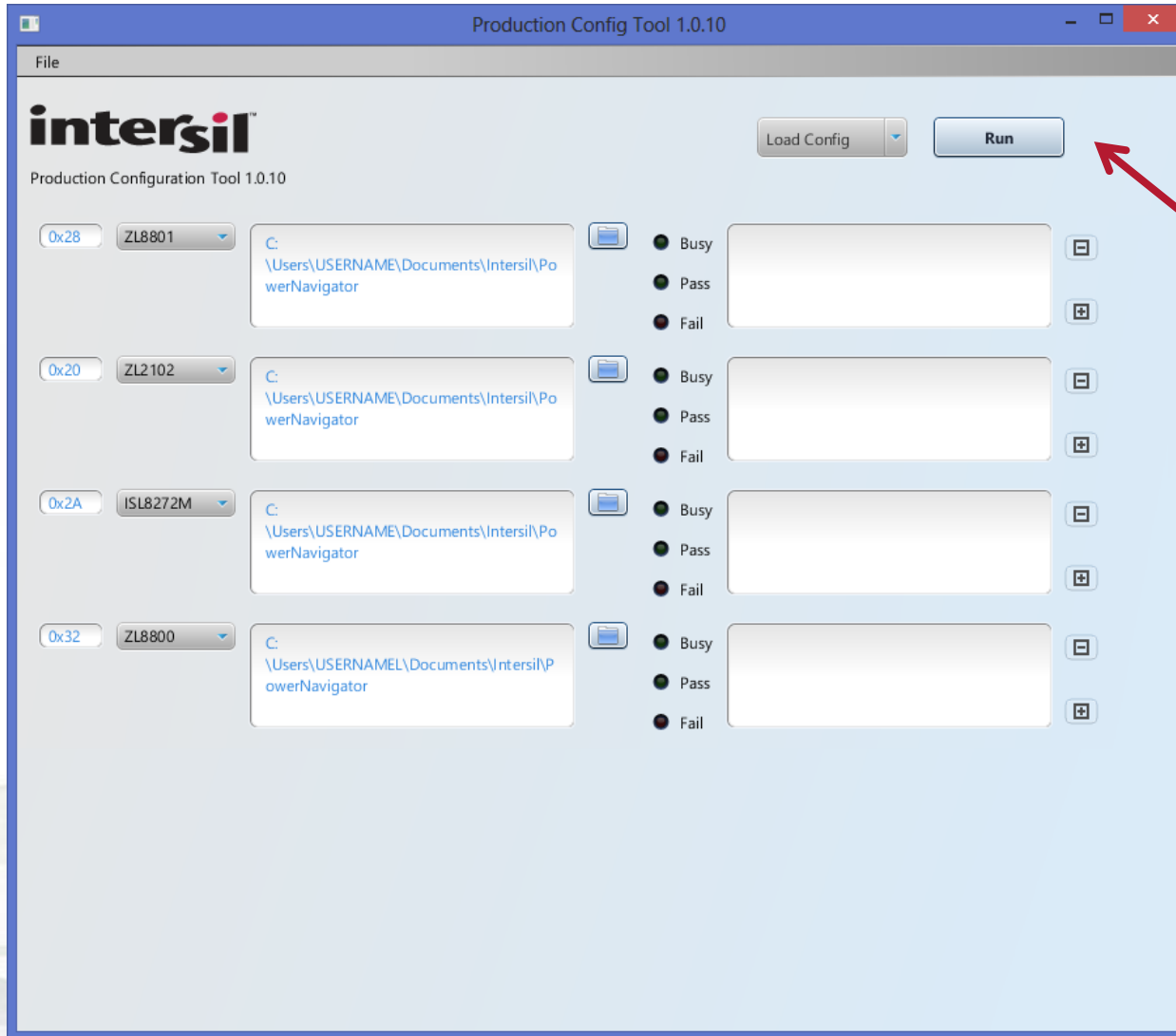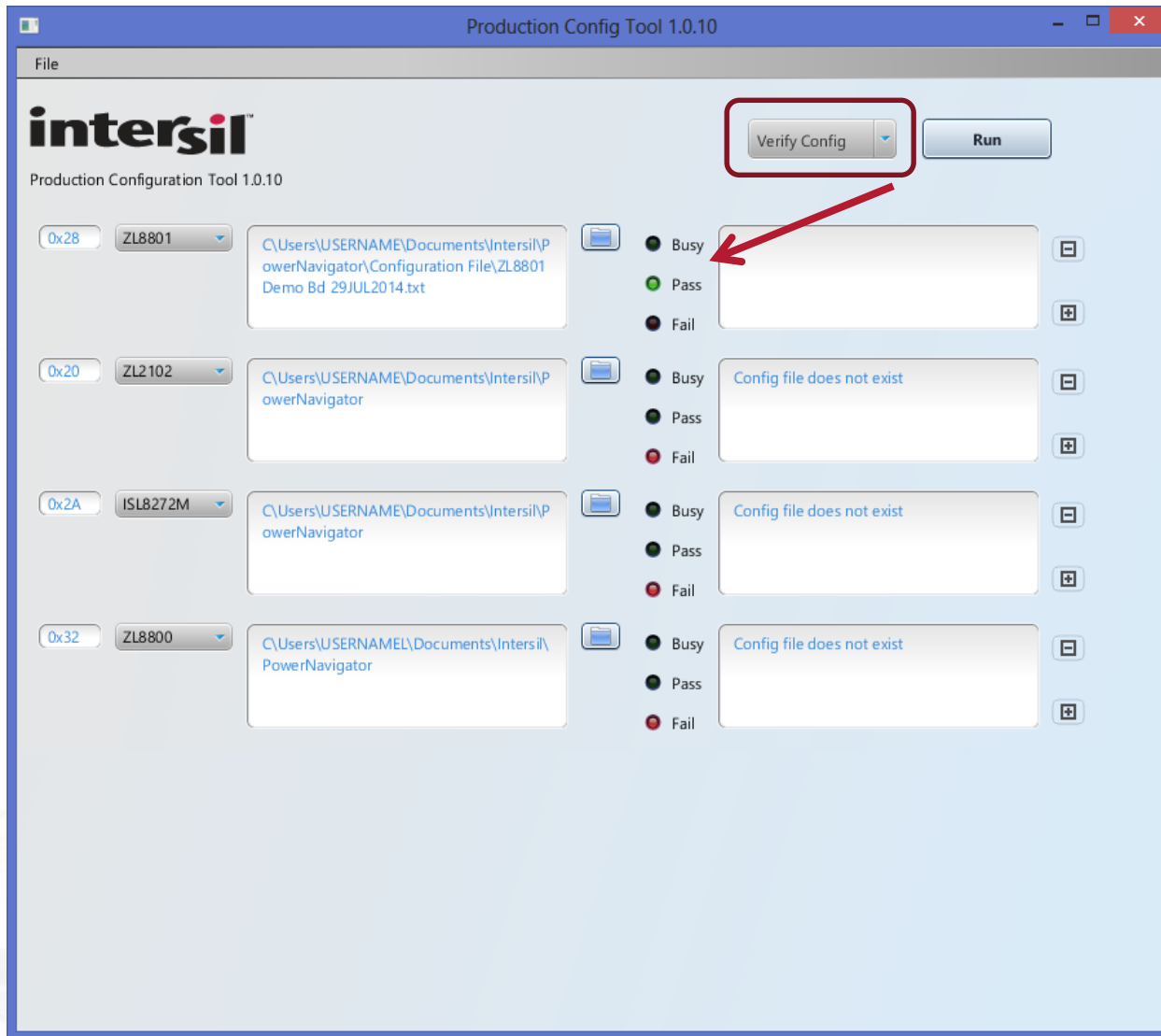
Configuration File Load

Successful Config Load

Unsuccessful Config Load

Unsuccessful Config Load

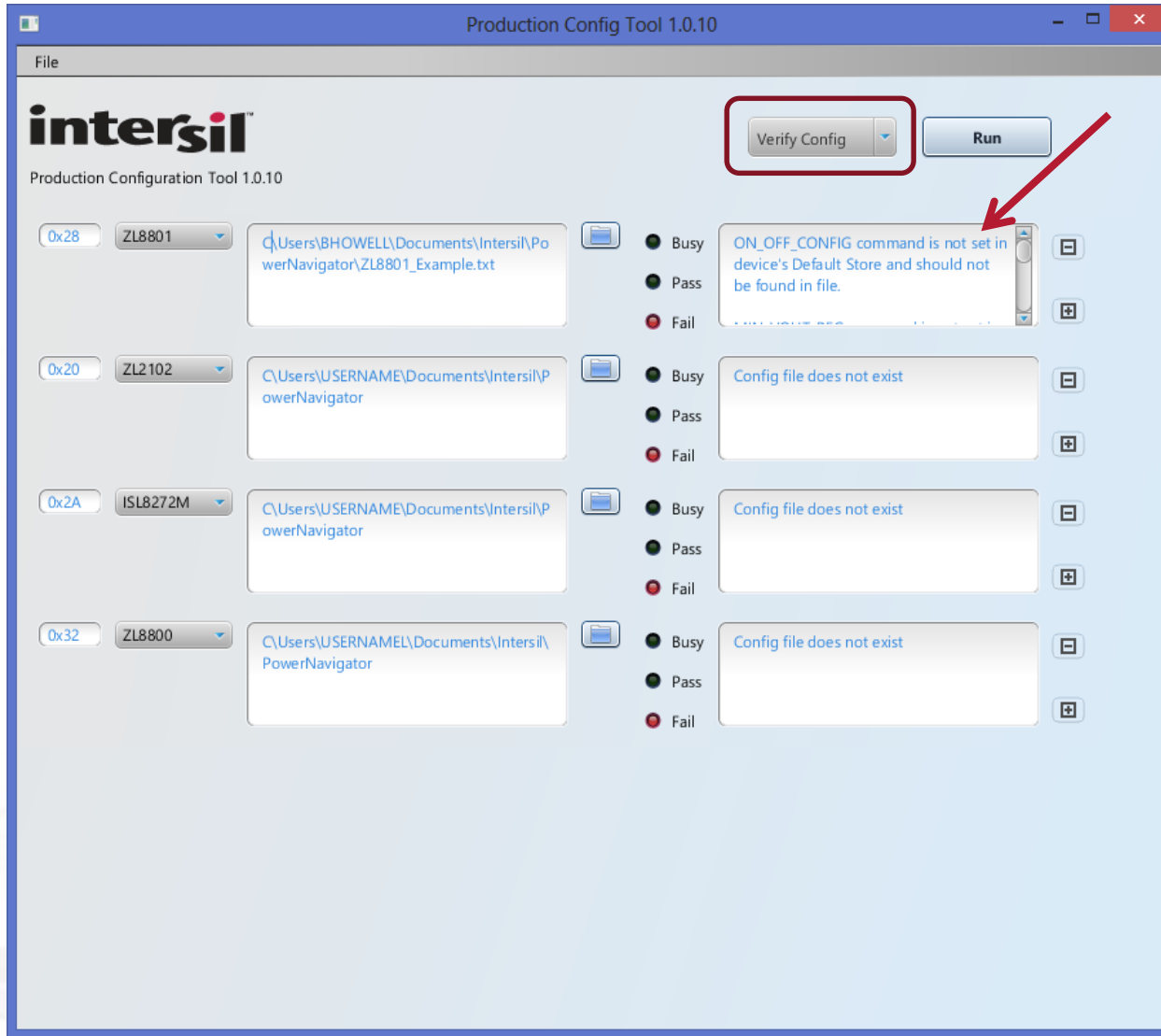Unsuccessful Config Load

Configuration File Verify

Successful Config Verify

Unsuccessful Config Verify

Unsuccessful Config Verify

Unsuccessful Config Verify

Configuration File Verify

Unsuccessful Config Verify

Mismatches between device store and configuration file are listed.

Adding additional Rows

Click to add rows to program additional devices

PCT – Batch Files

- **PCT allows users to create "Batch Files", saving PCT configuration for future use**
  - Save address and device types
  - Automatically points to saved configuration files
  - Individual Batch files can be saved on a per board basis.

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Saving Batch files for future use

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