



# Software Release Notes

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**Part Number:** SW90112  
**Description:** OZGTI3000 Active Front End Controller Firmware  
**Release Number:** 4.1  
**Release Date:** 6/4/2012

## **New Features:**

- Added support for selectable Sine Wave or Space Vector modulation
- Added support to receive group-wide or system-wide broadcasted CAN commands
- Added the ability to disable automatic current sensor offset calibration at startup (for those systems that aren't guaranteed to have 0A flowing at startup)
- Added voltage droop control when regulating the DC link voltage (i.e. regulated voltage is reduced based on load current)
- Added support to enable zero sequence current regulator on inverter A, inverter B, or both
- Added configuration parameter to disable main contactor control for systems that do not require an AFE-controlled contactor

## **Bug Fixes:**

- N/A

## **Compatibility Notes:**

- The AFE Controller Users Manual (UM-0021) has been updated to Revision F to reflect the new features described above