

**PRODUCT LINE:** Omnis

**PRODUCT NAME:** Central Controller Firmware

**MODEL(S):** E100 & E100-S

**CATEGORY:** Sales & Delivery Release

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Vanderbilt is pleased to inform you about the sales and delivery release of Omnis E100 Firmware 7.5.61. The firmware can be downloaded from our [Webshop](#) via the Software-tab on both the E100 and E100-S.

### What's new in E100 v7.5.61?

The following updates have been added since version 7.5.50.

- Sporadic database control after connection loss (Ethernet, Backbone or RBSServer restarting). Only affects sites where Backbone is used. Caused Nodes to be reinstalled triggering alarms on active sensors.
- Alarm not triggering under specific conditions after entering area with Access Granted.
- Bug Minimum Active Time on Input causes Relay Drop on E200.
- DHCP client stops working when E100 powered and DHCP server is not accessible for period of time. DHCP client always running now.
- Change Password - Web Interface E100 - Extend password to 32 characters
- Add support for VB Bluetooth reader modules.
- Potential fix for Clock&Data Readers connected to the Reader Ports on the E100 that could stop working after roughly 20 weeks.
- Add additional trace logging of LON poll timings.
- Bug fix Output programmed to activate when the E100 loses connection to RBSServer does not work.
- Outputs flicker when outputs activated by schedule  
This is a performance issue only noticed on Large LON networks or ones with lots of offline nodes.
- Fix bug Temporary Code + VIP causes E100 Reboot
- On power up Message Unsupported Lon message intercepted
- Stress Test Failure: Constant barrage of card-events on E200 Lon nodes cause a memory fault and reset when 15 readers connected with stress testing firmware loaded.

## A – Order information

The firmware is initially available on the Webshop as **SD-card upgrade only**. There will be no web-upgrade possible for 7.5.61. New units will have to be upgraded via SD-card upgrade until firmware is placed into production (pending).

## B – Product description

### Base Licenses

| Product name              | Order number     | Product Description   |
|---------------------------|------------------|---|
| E100 Central Controller   | V54502-F101-A100 | The E100 is a central controller for the Omnis system. It can also act as a combined central and door controller. A total of 79 downstream devices, the internal door controller included, can be managed by the E100.  |
| E100 Satellite Controller | V54502-F103-A100 | E100-S is a Satellite controller in the Vanderbilt Omnis system. The E100-S contains all necessary resources needed for the communication within the system. E100-S has a single LON-bus for communication with its nodes. The E100-S has I/O capabilities supporting one door environment to be connected to it. The E100-S is upgradable to an E100 Central controller. |