

# VENTUS

## Frequently Asked Questions

### 1. *What is the target application for Millennium Ventus?*

Ventus is intended to provide a simple and easy migration path for customers that are on existing Millennium Expert or Enterprise systems with less than 64 total doors. The Ventus product includes a solid state computer pre-loaded with Windows 10, Microsoft SQL and the Lite version of Millennium Ultra.

To upgrade, the database from an existing Expert or Enterprise system is extracted and provided to Millennium Group Inc. Typically, within 48 hours the database is returned converted to the Millennium Ultra format.

When the converted database is received, and assuming the existing door control devices do not require firmware chip updates, then migrating the site is as simple as;

- Install the provided ESCU and connect to the existing RS485 network to DCD/EDCD's. Provision the ESCU onto the building LAN
- Install the Ventus head end unit and provision on the building LAN
- Execute the Ventus configuration tool to configure Ultra and migrate the converted database onto the new appliance
- Complete post installation functional tests to validate that system has been successfully installed and migrated.

### 2. *How long will the database conversion process take?*

Millennium Group can generally return the converted database within two working days. In cases where volume is exceptionally large or during major holidays it may take a bit longer, but we will inform you when we do not believe we will be able to meet our target service level fo 48 hours from the time of receipt.

### 3. *How do I transmit the database to Millennium Group Inc.?*

When you purchase your kit, we will provide you a link to a web form that will ask you to provide a few pieces of critical information about the site and give you a link you can use to upload the compressed database. You will receive a confirmation email when we have reviewed the database and concluded that all necessary parts have been provided.

### 4. *What is included in the Kit and what else do I need?*

Everything you need to convert a typical Expert of Enterprise system to Ultra is provided including the preloaded appliance, a site control unit (ESCU) to provide a direct LAN interface between the legacy RS-485 access control wiring to the existing door control devices (DCD/EDCD) and the new head end unit.

In cases where multiple network loops are deployed an additional ESCU would be required for each independent loop. Additionally, in some cases with older DCD's, firmware for the board may need to be updated by physically replacing the EPROM chips. Your Millennium sales representative can help you identify those unique situations where additional components beyond those in the core kit are necessary.

5. *How do I convert systems with more than 64 doors?*

Systems larger than 64 doors can be converted to Millennium Ultra per our normal software upgrade process. In this case, a suitable server will need to be provided and items like the database conversion will be quoted based upon size. Contact your Millennium sales representative for assistance in converting these larger sites.

6. *What happens to legacy systems that have integrated badging?*

Given the wide range of approaches to badging including hardware and software, badging has not been included in Ventus. Contact your Millennium sales representative for further assistance in migrating legacy badging systems.