

## [Tech Note 660](#)

# Wonderware Compact Panel FAQ

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## InTouch Compact Panel Detailed Questions and Answers

1. *The IP Address of the Compact Panel goes back to its default value after the machine reboots.*

Due to the nature of Windows CE, a system configuration such as a change to the IP address requires a Registry save. A shortcut on the desktop, Regsave will save the Registry.

2. *How can I create a backup Compact Panel on the shelf, ready to swap?*

This solution depends on the number of backup units you have for each InTouch Compact Edition application.

1. If you have one backup device per version of the InTouch Compact Edition application, simply download the same app to

both the factory-floor device as well as the backup. The backup device is now ready to be shelved. In the event that it is needed, simply power it up.

2. If you have one backup device per multiple versions of the InTouch Compact Edition application: i.e. There are multiple Compact Panels on the factory floor, each with their own application and only one Compact Panel is serving as a back-up to all of them. On the backup device, download each application in a unique folder using the To field in the Download Utility. e.g the first app is in the path <Storage Card>\InTouchCompact\App1 and the second app is in <Storage Card>\InTouchCompact\App2.

CPC1 running App1 from: <Storage Card>\InTouchCompact\App1  
CPC2 running App2 from: <Storage Card>\InTouchCompact\App2

BackupCPC will have both applications in their own directories:

<Storage Card>\InTouchCompact\App1  
<Storage Card>\InTouchCompact\App2

InTouch Compact Edition will run the application in <App Folder> in the following .INI file:  
<Storage Card>\InTouchCompact\ITCApp.ini

Configuration=\<Storage Card>\InTouchCompact\<App Folder>\WWCEAppBase.APP  
Directory=\<Storage Card>\InTouchCompact\<App Folder>

**Note:** App Folder will be populated with the most recently downloaded application.

It may be necessary to change the file extension to .TXT (by tapping View -> Options then uncheck Hide file extensions) in order to edit the file in a text editor. Then change it back to .INI after the changes are made and saved.

3. *Can the Compact Panel produce a sound/noise?*

No. The Compact Panels are not equipped with a sound card. Furthermore, InTouch Compact Edition does not currently support the PlaySound() function. A complete list of supported functions is listed in under the **Books** section in **All Programs > Wonderware**. The direct path is:

**C:\Program Files\Archestra\Framework\Docs\1033\InTouchCompactEdition.pdf.**

4. *What are the native (maximum) resolutions of the Compact Panel devices?*

Compact Panel sizes and associated resolutions:

- 7": 800 X 480 (widescreen)
- 10": 800 X 600
- 15": 1024 X 768

5. *How do I download applications with different resolutions from the same development machine?*

InTouch Compact Edition is resolution-independent. The size of windows is set in the development environment. If a window is 800 pixels wide in Development, it will be 800 pixels wide in Runtime.

6. *Can a Compact Panel be used as a terminal services client?*

Yes. The Remote Desktop Connection client utility for Windows CE is installed on the Compact Panel. However, a separate Terminal Services license is required. Contact your local distributor or the Wonderware Industrial Computer group for details.

7. *Is it possible to backup (as in create a recovery image of) a Windows CE installation once it is configured? Does the OS reside on removable or embedded flash memory?*

There isn't a standard recovery tool installed on the device. However, a manual backup can be created by using drive-imaging software like True Image (installed on the Windows XP-based Touch Panel Computers and Box PCs). Keep in mind that license file backups must also be created separately from each device.

Regarding the location of Windows CE:

- **Compact Panel:** on removable CompactFlash
- **Compact Panel for Explosive Environments:** on internal Flash memory. InTouch Compact is on the removable CompactFlash.

8. *Can other Windows CE applications like Microsoft Office be installed on the Compact Panel?*

Due to possible dependency problems, probably not. Since CE images are custom made, the image on the Compact Panel only contains the prerequisites for InTouch Compact Edition.

9. *The Compact Panel has a black foil covering the entire face of the unit. Can that be removed to expose the stainless steel underneath?*

Due to the flush bezel design, the black front is an integral part of the touch screen and therefore cannot be removed.

10. Are the Compact Panels units UL Certified?

Yes they are. The UL file number is **E147705**.

11. *Can a bar code scanner be used with the Compact Panels/InTouch Compact Edition?*

The Compact Panel has been tested with the following bar code scanners:

- Symbol LS4004i (USB) – Passed
- Symbol LS4278 (USB/Wireless) – Passed

- PSC PSLR-7000 (USB) – Failed

The general conclusion is that Compact Panel *does* respond to bar code scanners. However some scanners may have their own compatibility issues with Windows CE.

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