Version 9 Release Notes

INTRODUCTION

These release notes describe the features and limitations for the ICOMPEL software version 9.

Note: It is not possible to update AC4002, AC4003, AC4004, AC4005, ICOMP01, ICOMP02, ICOMP03 & ICOMP04 models to V9.

NEW IN V9.1.3

The ICOMPEL must be running V9.1.2, V9.1.0, V9.0.2 or V8.1.4 before updating to V9.1.3

Use NTB-update91-V9.1.3-31527.opf to update from V9.1.2 or V9.1.0
Use NTB-update90-V9.1.3-31527.opf to update from V9.0.2
Use NTB-update8-V9.1.3-31527.opf to update from V8.1.4

Problems fixed:

- Fix problems with updating AC4000 & ICOMP models.
- Fix Ghost file issue in Drag and Drop
- Increase maximum allowed OPF update size to 1.5GB.

TRANSLATION STATUS

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The following languages have partial translations in this release.

- American English
- Arabic
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KNOWN LIMITATIONS

- The ICOMPEL display may be distorted or damaged after using the Ctrl-Alt-F2 emergency maintenance system (only for use under the guidance of the Black Box support team). A reboot will restore proper operation.
- HTML Player does not support Java Applets.
- HTML Player cannot access FTP resources.
- There is a limit to the total amount of text that can be drawn by a single Text Item.
- The Web UI has some minor display issues under Windows Internet Explorer 6 (Mozilla Firefox, Windows Internet Explorer 7 or Windows Internet Explorer 8 do not have these issues).
- The Web UI has some display issues under Windows Internet Explorer 7 when using Arabic
- When uploading files using Apple Safari it is not possible to show a progress bar.

DETAILED VERSION IDENTIFICATION

The software release version described herein is comprised of a number of sub-packages. Each sub-package has a build number - in parentheses.

Player Signage Applications	V9.1.3 (31527)
Player System	V9.1.3 (31527)
Player Web UI Applications	V9.1.3 (31527)

The md5sum for this release's update OPF file is:

```
00776fbb6327031215d7dc11cdaa9193   NTB-update8-V9.1.3-31527.opf
de9229562572bcd85b703a0f940a164d   NTB-update90-V9.1.3-31527.opf
ddd5019f783426f9a89aac312a3cc428   NTB-update91-V9.1.3-31527.opf
```

NEW IN V9.1.2

This release will not successfully update an AC4000 or ICOMP appliance that was factory installed with V7.4.2 or earlier.

The NTB must be running V9.0.2, V9.1.0 or V8.1.4 before updating to V9.1.2

Use NTB-update90-V9.1.2-30961.opf to update from V9.0.2
Use NTB-update91-V9.1.2-30961.opf to update from V9.0.2
Use NTB-update8-V9.1.2-30961.opf to update from V8.1.4

Problems fixed:

- Fix problems with cropping images.
- Fix problems with alpha blending of images leading to poor image quality.
- Fix issue with local time being reset by NTP on an update.

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Player Signage Applications	V9.1.2 (30961)
Player System	V9.1.2 (30961)
Player Web UI Applications	V9.1.2 (30961)

The md5sum for this release's update OPF file is:

```
cec1f7eef4e82062ee4c1e9787aad611  NTB-update8-V9.1.2-30961.opf
4eb9d8bf6538f0bfa8278bd1f4be52a3  NTB-update90-V9.1.2-30961.opf
671bde5fdb24a331924333db092b9ffd  NTB-update91-V9.1.2-30961.opf
```

NEW IN V9.1.0

The ICOMPEL must be running V9.0.2 or V8.1.4 before updating to V9.1.0

Use NTB-update9-V9.1.0-30614.opf to update from V9.0.2
Use NTB-update8-V9.1.0-30614.opf to update from V8.1.4

New Features:

- Support ICSS-VE and ICSS-2U hardware.
- Image fade support; fade-in and fade-out of images, and cross-fade between two images in the same playlist.
- Live preview of the ICOMPEL output in your browser.
- Native support for QR codes in playlists.
- All new Screen tests optimized to the screen orientation and resolution.

Problems fixed:

- It was possible to choose screen settings that prevented the ICOMPEL from starting up. The ICOMPEL will now start up regardless of screen settings.
- Screen tests did not work properly on high resolution displays. A new set of screen tests have been implemented, more suited to high resolution digital displays.
- Report an error when attempting to publish or create a layout package with a layout with no visible zones.
- Drag and drop of files into the Web UI has been improved.
- Fix problem with ping command not working on updated ICOMPELs.

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- Windows version 4.0.4 of Apple Safari: When the ICOMPEL reports errors to the user Safari will hang. Use another browser until Apple fixes the problem.

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Player Signage Applications	V9.1.0 (30614)
Player System	V9.1.0 (30614)
Player Web UI Applications	V9.1.0 (30614)

The md5sum for this release's update OPF file is:

```
9498a41b506c28b4f8ce3a52d9b147ac  NTB-update8-V9.1.0-30614.opf
```

8b15ca048bec6b2e47a894ac62f9e740 NTB-update9-V9.1.0-30614.opf

NEW IN V9.0.2

The ICOMPEL must be running V9.0.1 before updating to V9.0.2

Use NTB-update9-V9.0.2-28666.opf to update from V9.0.1

New Features:

- Support for P Series 2U HDMI capture card (ICOMP-HDCC).
- Support for P Series WiFi card (ICOMP-WIFI).
- Maximum Layout Canvas Size width is now 2560. This allows canvas size of 2560x1440 to be use when the ICOMPEL hardware permits (P Series).

Problems fixed:

- Fixed: Screen page could not been shown in any language but English.
- Fixed: Uploading a ZIP file that was not a Layout Package showed a trace back.
- Fixed: Time validity did not work correct when using synchronized folder play.
- Fixed: CPU Temperature was not reported correctly on certain models.
- Fixed: ICOMP01-R2 models no longer report mainboard temperature as it is not reliable.
- Fixed: Issue with American TV (ATSC) seen in Pittsburgh.
- Fixed: Layout Packages and Channel claims to be using V9 features when they were not.

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Player Signage Applications	V9.0.2 (28666)
Player System	V9.0.2 (28666)
Player Web UI Applications	V9.0.2 (28666)

The md5sum for this release's update OPF file is:

```
d888faff3000ffe2302ed5744218b2ad   NTB-update9-V9.0.2-28666.opf
```

The ICOMPEL must be running V9.0.0, V8.1.1, V8.1.2 or V8.1.3 before updating to V9.0.1

NEW IN V9.0.1

Use NTB-update9-V9.0.1-28346.opf to update from V9.0.0
Use NTB-update8-V9.0.1-28346.opf to update from V8.1.1, V8.1.2 and V8.1.3

New Features:

- Support for P Series hardware.
- Auditioning of TV stations now uses available screen area.

- Support Plug and Play for monitors that report stand modes only.

Problems fixed:

- Layout package import was reporting errors in the layout package that where in fact problems with layouts already on the ICOMPEL.
- Fix FTP access when LDAP is enabled.
- Backup was missing some configuration files.

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Player Signage Applications	V9.0.1 (28346)
Player System	V9.0.1 (28346)
Player Web UI Applications	V9.0.1 (28346)

The md5sum for this release's update OPF files are:

```
313b0443503c7e2198152f89bb98a42e  NTB-update8-V9.0.1-28346.opf
0e6a670834cf1ab357a0be597e643539  NTB-update9-V9.0.1-28346.opf
```

NEW IN V9.0.0

Use NTB-update8-V9.0.0-27501.opf to update from V8.1.1, V8.1.2 and V8.1.3

New Features:

- Improved movie player with per item de-interlacing, draw modes of crop, letter box and stretch.
- Support plug-n-play screen handling:
  - will work without a screen connected to the ICOMPEL
  - will automatically choose the best resolution the screen offers
  - will scale up or down from the design size to fill the screen plugged into the ICOMPEL
  - Note: only one screen at a time is supported
  - Setup/Player/Screen page has been redesigned to support play-n-play.
- New screen orientation of bottom-at-top.
- Splash screen is shown while the ICOMPEL is booting up.
- Memory is managed automatically by the ICOMPEL allowing complex media to play in web pages with needing to administer ICOMPEL settings.
- The Player settings that used to control HTML memory limits have been removed.
- Screen settings can be donated and updated via an IDM using the remote setup feature.
- The "maint" menu is now accessible by typing Ctrl-Alt-F2.
- All important log files are now stored in the /logs folder where they can be managed from FTP or the Web User Interface of the ICOMPEL.
- Support adding SSL certificate files for use with HTTPS.
- User permission "Subscribe Channel" gives read only access to files in the channel folder from HTTP and HTTPS.
- Add media item durations can now be specified to a resolution of 1/20th of a second.
- The limit on overall Layout Package size of now 16GB, with a limit of 4GB for each media file.

Removed features:

- Native PowerPoint presentation files are no longer supported. We recommend you save you presentations as movies and play the movies on the ICOMPEL.
- Plasma Burn mitigation has been removed.
- V5 channels and layout packages are no longer supported. The earliest version support is V7.4.0.

Problems fixed:

- Layout name can now be renamed to fix the issue with case. For example rename "SChool" to "School".
- Player Status CPU load graph can be misleading on some ICOMPEL models.
  The ICOMPEL would appear to have spare CPU resources when in fact it was fully utilized.
  The CPU Load graph graphic now shows when the ICOMPEL may be starting to overload on affected models.
- Player Status show per zone CPU load graphs.
- Prevent use of HTTP proxy for FTP connections.

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Player Signage Applications	V9.0.0 (27501)
Player System	V9.0.0 (27501)
Player Web UI Applications	V9.0.0 (27501)

The md5sum for this release's update OPF files are:

```
bfd7eb88eed380a4511cb36fee483ad7  NTB-update8-V9.0.0-27501.opf
```