NX - Using FontFactory to convert and edit fonts for use in NX

FontFactory is an advanced tool specifically designed to allow **NX** users to review, modify and convert non-**NX** fonts to the **NX** font format. **FontFactory** is a native Windows program written by an unknown author. **FontFactory** is tool that is not supported by Siemens PLM Software. GTAC is unable to provide support for the **FontFactory** tool. Any problem reports or enhancement requests should be posted to the NX Newsgroup (http://bbsnotes.ugs.com/).

There are three prerequisites required to run **FontFactory**:

1. **Windows .NET** must be installed.

2. **ugfontc.exe** must be located in the **NX ugfonts** folder.

3. Access to the user's **TEMP** folder is required.

FontFactory allows users to create .fnt, .fnx and .sfd file formats. The first two are usable in **NX**. The .sfd format allows users of the freeware editor **FontForge** to convert fonts into a native Windows TrueType font. The program includes a PDF Help Document containing detailed instructions.

FontFactory will open and import both OpenType and TrueType fonts reported in Windows as TrueType fonts. (Refer to http://www.microsoft.com/typography/faq/faq9.htm for additional information)

Some of the features of the **FontFactory** program are:

- Cut or copy and paste one font into another or just remove a single character from the font series. The entire font series can be edited or just one character at a time.

- Change the aspect ratio (height versus width).

- Alter the fonts to be vertical and adjust the slant angle.

- Edit each individual line found in each individual font character.

- Fonts that have double strokes to form a 2D character font can be filled to make them darker and more visible.

- The number of strokes used for each character can be increased for a "smoother" looking font for angular styles or when increasing their size.

As a convenience to **NX** users, **FontFactory** has been made available for download on the GTAC ftp site at: http://ftp.ugs.com/. Go to Miscellaneous Files and search for FontFactory.

While you are in the ftp update site, it is good practice to check for available updates for **NX**, **CAM** post processors, **CAST**, tutorials, certified graphics drivers, etc.

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