# Remove the CNC control Incompatibility issue from your sales with ...

Kipware®

## **CNC XChange**

Fanuc / Haas < -- > Okuma G Code Conversion Software

#### What is CNC XChange?

Kipware® CNC XChange is a G code text conversion application that can automatically convert G code programs created for one type of machine / CNC control into a format compatible with another type of machine / CNC control.

#### How does it work?

Kipware® CNC XChange is a "hard coded" application ... that means that all the conversions are automatic and built directly into the source code. The user simply browses for the file to convert ... selects the conversion direction ... then selects convert. The G code conversion is done all automatically by the software in seconds.

FEATURES · Options for User Customization · Simple User Interface · Full Text Editor · Bi- Directional Conversion ·

Fanuc Macro < -- > Okuma User Task Conversion

Option · Live Tool Conversion Option · Y Axis

**Conversion Option · 4 Axis Turning Conversion Option** 

Proven-In-The-Trenches in hundreds of shops worldwide every day.

#### VERSIONS AVAILABLE

### Fanuc / Haas < -- > Okuma Milling

- Bi-Directional Conversion
- Macro < -- > User Task Option

## Fanuc / Haas < -- > Okuma Turning

- Bi-Directional Conversion
- Macro < -- > User Task Option
- Live Tool Option
- Y Axis Option
- 4 Axis Conversion Option includes all P / Waiting Codes and program merging / splitting

#### Fanuc / Haas < -- > Okuma Studio

- Milling & Turning Combination
- Bi-Directional Conversion
- Macro < -- > User Task
   Option
- Live Tool Option
- Y Axis Option
- 4 Axis Conversion Option

#### **Additional Versions:**

- Acramatic -- > Fanuc / Haas / Okuma - Milling
- Acramatic -- > Fanuc / Haas / Okuma - Turning
- Siemens 840D < -- > Fanuc - Milling
- Complete product info and pricing is available at www.Kentechlnc.com



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Program conversion is as simple as:

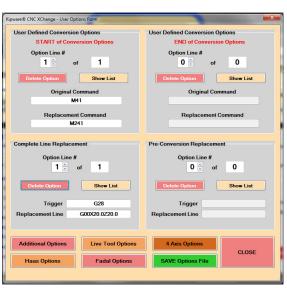
- 1 BROWSE for the desired file to convert.
- 2 Select the conversion direction
- 3 Select from available conversion options

#### Select CONVERT

The selected file is converted based on the source code defined and user defined conversion parameters. Batch conversions are also available to perform conversions of multiple files with a single click.

The contents of the ORIGINAL program and the contents of the now CONVERTED program are displayed in the FULL, G code specific TEXT EDITOR for review and editing if desired.

Options available include color highlighting ... Add / Remove N numbers ... Add / Remove spaces for readability ... and more.



ORIGINAL Program Contents CONVERTED Program Conte N101 G96S425 T010101M03 N101M41 N\_ 🕦 N\_ 👿 Full G code T101M03 G00X4.50Z.035M08 **a** G00X4.59Z.0351 X4.40Z-.80F.01 G00X4.40 G71U.04R.01 G71P105Q145U N105G00X3.207 N110G01Z0 80 **(** X4.40Z-.80F.01 specific Text 300X4.40 385N105D0.08F.01U0.02W.0015 Editor G1 Z1 G1Z1 G1Z1 G1 Z1 G1 Z1 G1Z1 G1Z1 G1 Z1 available for 15G75X3.367L-.08 SEIDE SEIDE XXIIPE XXIIPE N115X3 367C- 08 both the N115X3.367C-.08 N120Z-.375 N125X3.491R-.05 N130Z-.718 N135X4.250 N140Z-.80 N145X4.40 N125G76X3.491L-.05 N130Z-.718 ^A A\_ **ORIGINAL** and ^A A\_A CONVERTED N135X4.250 N140Z-.80 X4.40 G80 G00X8.0Z6.0M05 *⊕* ₽ programs. X8.0Z6.0M05 T100M09 TOHOOMOS M01 M01 (RF BORE DCMT .03R T3) (RF BORE DCMT .03R T3) N3M42 G96S425 T303M03 G00X1.10Z.035M08 IN -> MM G00X1 107 035M08 MM -> IN G71U.03R.02 MM -> IN 85N305D0 06F 01U0 02W 002 G71P305Q330U-.02W.002F.01 N305G81

Users have the ability to create an unlimited number of USER OPTION files to accommodate different types of machine / controls. For example ... the shop may contain different types of machines using different Fanuc controllers and using different M functions. User Option files allow the user to customize the conversion parameters. Many different conversion parameter types are available from the SIMPLE (convert M41 to M31) to the COMPLEX such as COMPLETE LINE REPLACEMENT based on a "trigger code". Based on years of development and client programming scenarios ... Kipware® CNC XChange's strong mix of source code and user defined options allows it to

handle almost ANY conversion scenario. **And customization is always available since Kentech Inc. is the creator and developer of Kipware® CNC XChange.** 

