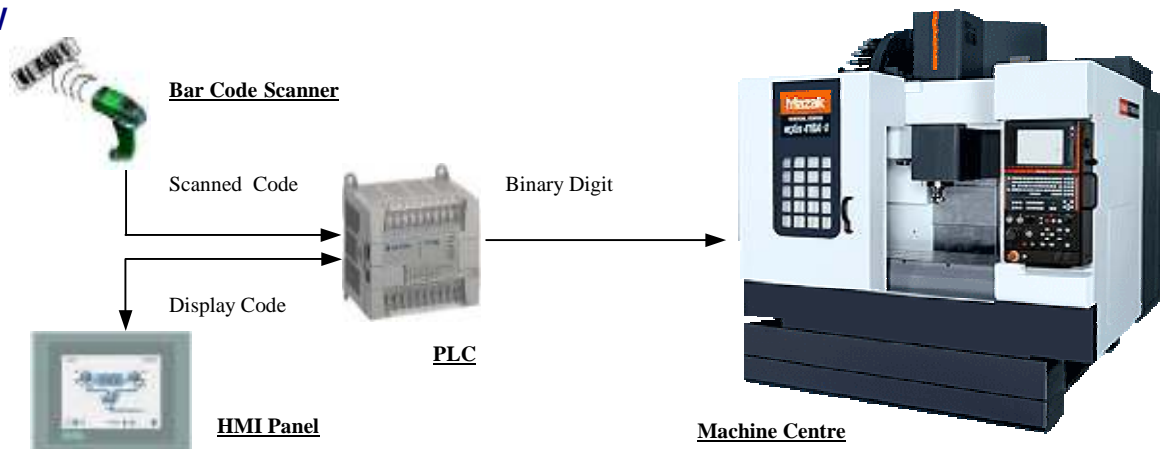


Barcode Scanner/Machine Centre Interface

This Interface allows bar-coded information be passed to a machine centre in binary format.

Overview



Grattan Computers Ltd. has developed this system in conjunction with HW Machine Tools Ltd. and Hanley Automation Networks Ltd.

The interface operates as follows

- A barcode is scanned and passed to a PLC
- The PLC validates the scanned code in accordance with set down criteria
- When a valid code has been scanned, it is displayed on a HMI and accepted or rejected by the machine operator.
- If accepted, the scanned code is split into its individual characters/digits and transmitted to the machine centre via the PLC's outputs and the machine centre's inputs.

This interface can be supplied in its own cabinet and mounted at the operator's station or can be mounted within the machine centre's control cabinet, if there is adequate space available. It is suitable for a variety of applications including

- Part Program Selection (Including Subroutines) By Bar-Code, Supporting Functions Such As
- Secure direct uploading of validated programs from main server
- Component variant selection (macro selection)
- This functionality supports application such as engraving unique part numbers/ batch numbers/ date and time.

The application can be modified to suit any make of machine centre once it has the appropriate input capacity and the validation process can be adapted to suit any barcode format or selection criteria.



Grattan Computers Ltd.
Moolum, Kilmacow,
Co. Kilkenny, Rep. Of Ireland.

Tel: + 353-51-885088
Fax: + 353-51-885099
Email: info@grattancomputers.com