



# Process Automation Manager

## TTL's PAM 2.0 module for NX CAM

### Benefits

Increasing efficiency, reliability and quality.

Reduces reliance on manpower, eliminating human error and associated costs.

Reduces engineering time and overall cycle times.

Speeds up the production process, automating manual tasks.

Adaptive models aid manufacture of components with variable geometry (from castings and forgings or additive processes for example).

Additional functionality can be added creating a completely bespoke solution.

### Features

Framework programming environment and toolkit used to create an automated workflow.

Used to create and run complex process sequences involving machine tools, workpiece handling, measurement systems and robotics.

Built on a standard Windows interface our solution integrates seamlessly with Siemens NX CAD/CAM.

### Overview

Eliminate human error from your manufacturing processes with our Process automation software tools...

TTL's Process Automation Manager improves efficiency and quality while reducing costs associated with over reliance on manpower, eliminating human error and reducing overall process times. It is a framework programming environment and toolkit, used to create and run complex process sequences involving, for example, machine tools, measurement systems and robot controllers etc.

Built upon a standard Windows interface, the solution could integrate with any CAD/CAM software that has macro capabilities, this document specifically refers to the Siemens NX edition. With built in connectivity to a range of CNC control types (e.g. Siemens, Fanuc, Heidenhain, Mazak, Haas, Okuma etc.), it speeds up the production process, automating manual tasks such as data analysis and recalculation, to revolutionise the CAD/CAM/CNC process chain. The software is intuitive, easy to learn and fully customisable.

It is available in an Editor or authoring environment, designed to allow manufacturing engineers to develop process files in a remote environment, before deploying multiple Run Time versions on the shop floor, each of which is resident on a PC connected to a machine or cell controller.

