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(57) Abstract:

The present invention provides an automated configurable control system (CCS) for a manufacturing process system that allows a user to address menus on screen images for initially configuring the process and for subsequently quickly adding, modifying, and deleting components and control signals, all without having to modify software programmes. An automated configuration database file is generated by the control system from data entered by a user into the CCS via the use of a configuration tool in the control system. A deployment tool instantly uploads the configuration database file to a SCADA programme that is responsive to it and may be used to define the system, monitor the state of the processing system, and show screen pictures, among other functions. The data from the deployment tool is also sent to a PLC application for the purpose of defining the objects and logic of the processing system via the use of a download application.

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