Expert Systems in Abnormal Situation and Production Management Applications

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ABSTRACT

The presentation will discuss how expert system technologies are causing manufacturers to rethink their process automation, reliability management, and abnormal situation management strategies. Initially applied to narrowly focused applications, expert systems are now being deployed across the plant site to provide a broad range of benefits. Developing an understanding of the role expert systems technologies are playing in industrial automation will enable users to implement automation projects meeting their immediate objectives while building an automation architecture to address their future requirements. The presentation will discuss the opportunities, benefits, and experiences in the implementation of expert systems for production management, and abnormal situation management practices.