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Contrive and Application of Blended Case Engraving Based Coal Mine Reliability

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Abstract

The CEP engine provides a capability to detect the relationships between series of simple and independent events from wireless sensor network in real time using predefined rules. The publish/subscribe engine is responsible for message interact in the platform. The alarming disposal process is written in BPEL, which describes a closed loop control disposal process to handle the alarming events. The corresponding disposal process will be invoked when the control server captures the occurrence of the alarming event. Once receives the alarming status information from the control server, and the client-side will update the corresponding display panel.

Keywords: Case engraving; coal mine; alarming disposal process