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Introduction to Alarming in Industrial Controls sector

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Alarming in the industrial controls sector plays a critical role in ensuring the safety, efficiency, and reliability of automated systems. This process involves monitoring key parameters of industrial equipment and processes, generating alerts when predefined thresholds are breached, and enabling timely intervention to prevent malfunctions or safety incidents. Alarming systems are designed to provide real-time notifications to operators, facilitating quick decision-making and mitigating risks. An effective alarming strategy reduces downtime, enhances process control, and maintains compliance with safety regulations, making it a cornerstone of modern industrial automation and process control systems.

This lecture will provide you a good overview about Industrial Controls strategies for alarming, based on real examples from CERN's Technical Infrastructure Operators in the CERN Controls Centre (CCC).

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