



Automation Systems' Conceptual Design Methodology for Educational and Technological Services Environments [

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text (article)

Analítica

This article shows the results of an applied investigation aimed to establish a general design methodology for the modernization of automated systems oriented to modernization of physical and technological infrastructure of the "Servicio Nacional de Aprendizaje" (SENA) in Colombia, with systems, equipment and applications oriented to sustainability, efficiency and energy savings. The objective of this work is to "Propose a methodology for the conceptual design of automated building systems". The methodology was applied to the design of the automated system of the Technological Services Laboratory (LST) of the Center for Electricity and Industrial Automation (CEAI)- SENA and its implementation constitutes a reference model for the other SENA training centers to apply in order to improve the conditions of safety, comfort and energy management in their facilities

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