

# BRIEF DEVELOPER'S CONCEPTION OF INFORMATION SYSTEM FOR SOFT REAL-TIME PROCESSES

Case study included

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This paper discusses some of the issues related to preliminary analysis, design and other tasks of the **open information system conception for soft real-time processes**, mainly about database system and database structure concepts for on-line process data archiving & process control. As some of the design-phase problems were not well summarized in the publications, the analysis of the process character had to be carried out in the first phase. The objective of this project was to suggest database system and develop suitable relational database structure for the semi-industrial unit - climbing film evaporator. The development of the database structure for this unit is presented, as well as the behavior of the system observed in experimental tests.

Keywords: soft real-time process, information system,  
database system & structure, RDBMS, evaporator