



DESIGN CONSIDERATIONS FOR REAL-TIME SYSTEMS WITH DSP AND RISC ARCHITECTURES (MonPmPO4)

* **Author(s) :** Iskender Serhat Koç (Nortel NETAS, Turkey)

* **Abstract :** The challenges a real-time embedded designer faces in a new product design can be summarized as : Time-to-Market, Real-Time Performance, Quality, Cost, Scalability and Development Tools. This paper discusses Real-Time Performance challenges and presents some practical and important techniques used in Nortel Netaş products to overcome these challenges. The focus will be on DSP and RISC architectures.

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