

ASPECTS OF MIGRATION FROM LABORATORY SYSTEMS TO INDUSTRIAL SYSTEMS,

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The experimental projects usually involve expensive systems. These systems are used only during the experiments, being then forgone at the end of the projects. A special interest represents the migration from laboratory systems used for experimental projects, the development of new technologies, products, research departments and collaborations. The hardware architectures and software techniques of the laboratory systems must be changed so that to be accomplished the requirements of industrial systems, as the reliability, the electromagnetic compatibility, the operating under radiation as various stress conditions, etc. The cost of components, modules or entire systems that may be made for industrial using depends on quality level required for various applications, different technologies and complexity as the productivity which is assured for products.