



**SYMPOSIUM ON MEDICAL INFORMATICS STANDARDS IN INDIAN CONTEXT
AND
UNVEILING OF C-DAC's MEDICAL INFORMATICS STANDARDS SDK SUITE**

September 5, 2008, 10:00hrs. ~ 17:00 hrs.

Industrial Perspective on Medical Informatics Standards

Abstract

Standards are a basis for comparison and represent a reference point against which things can be evaluated. Without them there is a "free-for-all" leading to a non-interoperable environment as anyone is free to interpret the subject of interest in any manner they see fit. While such a situation is perfect for research and development that leads to building of new systems, the very same situation leads to total failure when these are put to practical use. Users are left dissatisfied leading to non-use of the system that in turn translates into commercial failures.

Standards that allow the systems to be engineered and released into the market in a commonly used and well-accepted form allows the users to achieve a comfort-level that allows wide-acceptance and commercial success. In short, standards usually mean the difference between success and failure. The same holds true for medical informatics.

The talk will focus on the various medical informatics standards that are currently in place and how they help in permitting wide acceptance of systems that use them. It will discuss in some detail how the use of HL7 and DICOM has allowed electronic systems and devices to usher in a significant change to established medical practices and allowed improved management of healthcare.