

Information Integrity Imperative for Competitive Advantage in Business Environment characterized by Uncertainty

Vijay V. Mandke
Research Leader
Centre for Information Integrity Research
Unitech Systems (I) Pvt. Ltd.,
B-64 (First Floor), Gulmohar Park
New Delhi - 110049, INDIA
E-mail : vijaymandke@satyam.net.in

Madhavan K. Nayar
President
Unitech Systems, Inc.
1240 E. Diehl Road, Suite 300
Naperville, Illinois 60563, USA
E-mail : mnayar@unitechsys.com

Abstract

The paper first develops the core IS view of business activity, which comprises informational and physical work systems and central to which is the informational work system delivering information decision for control implementation at the physical work system. Following this the paper delineates the 5Cs contributing to uncertainty in system environment leading to errors in business process IS view. It is within this framework and in the context of the reality of digital data as the medium for information flow throughout an enterprise, that the paper then argues the Information Integrity Imperative.

Key words: IS errors, Information Integrity, feedback control, Information Integrity Space.