

*Invited Talk on*

# **Software Architecture as a Strategic Asset**

*By*

**Prof. Matthew Bass**

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## **Abstract of the Talk:**

There is a relationship between the properties that a system exhibits and the ability of an organization to achieve its strategic objectives. While many intuitively understand this, maintaining alignment between the business context and these properties is often very difficult to do in practice. This talk highlights the nature of this relationship and describes the source of these difficulties.

## **Profile of the Speaker:**

Matthew Bass is part of the faculty for Carnegie Mellon University's Master of Software Engineering Program. He is a former member of the technical staff for the Software Architecture group of Siemens Corporate Research. In this role he taught software architecture classes, mentored Siemens operating companies in software architecture practices, conducted software architecture reviews for critical projects, and acted as a software architect for multiple domains including automotive, medical, building automation, and power distribution. Bass has been a practicing software engineer for many years and has worked with Fortune 500 companies from multiple domains. Additionally Bass spent 3+ years as a resident affiliate with the Product Line Systems program at Carnegie Mellon's Software Engineering Institute. He lectures internationally, and has given talks and tutorials at numerous international conferences. He has degrees in Computer Science and Software Engineering from the University of Pittsburgh and Carnegie Mellon University respectively

**Date & Time of Talk:** 18<sup>th</sup> Dec 2009 at 10.15 hrs.