
Pushing Broadband Enterprise Process Integration to the Edge

by Suhas D. Joshi

Date: April 18, 2002 (Thursday)
Time: 5:30 pm (lecture runs from 6:00-7:00pm)
Place: Room 100, ECE Building, NJIT, Newark, NJ

About the Talk

Broadband service providers such as Broadband Cable, DSL and Internet access providers operate in a fast moving and competitive environment. The success of a service provider clearly depends upon the effectiveness of its service management and service delivery processes. In order to be competitive and successful, the service management architecture has to be dynamic and integrated with customer, trading partners and the service delivery processes on a real-time basis.

The key components of dynamic service management include a service creation environment, self-help quote and order entry, trading partner interaction, service provisioning and service activation and billing. The paper examines the use of UDDI, SOAP and XML technologies for effectively integrating the key enterprise processes for dynamic service management.

Service delivery involves fulfilling the user request for a certain service. In this paper we describe a “next generation” service delivery architecture consisting of a “Softswitch” providing access to services such as unified messaging. The paper shows how such a service delivery architecture can be integrated with the dynamic service management architecture presented earlier.

About the Speaker

Suhas is a Principal at BusinessEdge Solutions, responsible for Technical Management of Enterprise Process Integration (EPI) Solutions. He has extensive experience in developing systems integration and software solutions for the Telecommunication industry. Suhas has worked on Network Equipment design, Network Equipment Management protocols, Internet Applications and Network Services Integration. Suhas received his Master of Engineering (Electrical Engineering) degree from Cornell University. He is a member of IEEE. He has written and co-authored several papers in the areas of software reliability and software tools for the Telecommunication industry.

Sponsors: IEEE Communications Society North Jersey Chapter
IEEE Computer Society North Jersey Chapter
NJIT Electrical and Computer Engineering Department

For more information contact Nirwan Ansari (973) 596-3670, or Amit Patel a.j.patel@ieee.org, or check <http://www-ec.njit.edu/~ieeenj> for latest updates. Directions to NJIT can be found at: <http://www.njit.edu/University/Directions.html>.