

From June 2002 through November 2004, the NMI Integration Testbed Program provided practical evaluation of NMI components within the context of real projects and application scenarios at nine university-based NMI Testbed sites. Each of these sites derived individual and unique benefits from their integration of NMI middleware while the broad scope of projects across the sites provided a rich and varied context for the evaluation of NMI components, and enhanced learning and collaboration among the participants. The **NMI Integration Testbed Case Study Series** documents highlights from these middleware integration experiences with the goal of informing and inspiring others who are exploring the deployment of enterprise or grid middleware.

Available for download at:

<http://www1.sura.org/3000/NMI-Testbed.html>

Broadening Perspectives on Middleware and Grid Technology

- Exploring Technical and Policy Considerations for Inter-Institutional Grids: NMI Testbed Grid (November 2004)
- Authentication & Authorization in SURAGrid: Concepts and Technologies (May 2005)
- Research Experiences for Undergraduates within the NMI Integration Testbed Program, (November 2004)

Building Campus Grids

- Georgia State University: Shifting the Grid Paradigm with NMI (May 2005)
- University of Michigan: How Grid Science and MGRID are Changing Research and Education (January 2005)
- Texas Advanced Computing Center at The University of Texas at Austin: UT Grid Design & Implementation (November 2004)
- Building a Campus Grid: Concepts and Technologies (September 2005)

Developing Enterprise Infrastructure

- University of Florida: Identifiers, Social Security Numbers, and Identity Management (January 2005)
- Florida State University: Identity Management & NMI-Component Integration (January 2005)
- Georgia State University: Building an Identity Management Infrastructure for the eUniversity (October 2004)
- University of Virginia: Campus PKI Services/Bridge CA (May 2005)

Grid Application Planning & Implementation

- University of Alabama in Huntsville: Data Mining in the Modeling Environment for Atmospheric Discovery (February 2005)
- University of Alabama in Huntsville: Grid Integration with LEAD (Linked Environment for Atmospheric Discovery) (November 2004)
- Georgia State University: NMI Grid Middleware Enhances Georgia State's Cosmic Ray Muon Project (November 2004)
- University of Southern California: Shibboleth and Pubcookie at USC-Authentication and Authorization for All (November 2004)
- University of Virginia: Protein Folding on the Grid (November 2004)