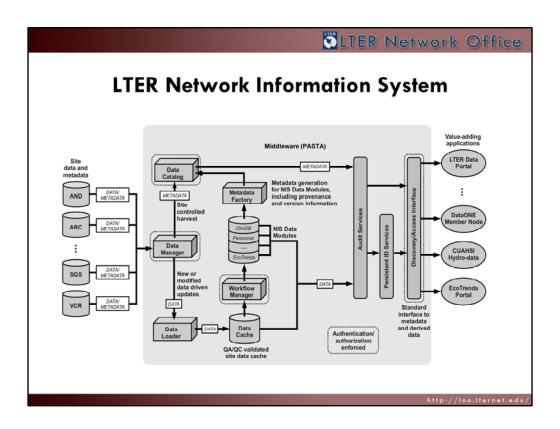
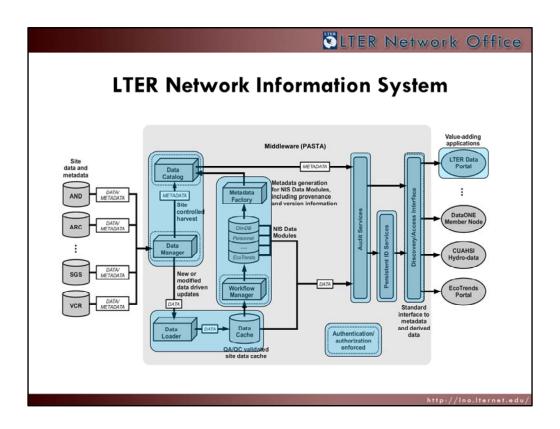


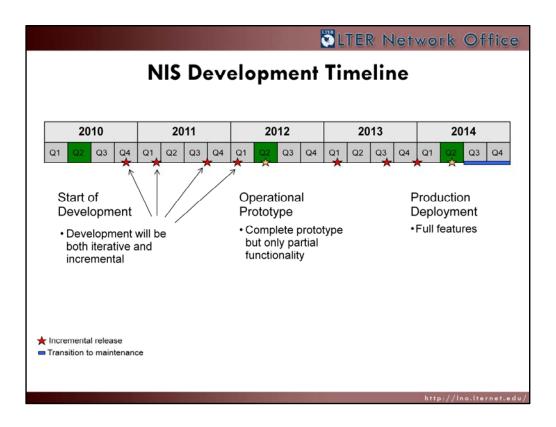
None



Point 2: The component diagram represents a more detailed view of "data flow" from left-to-right through the NIS. Sites are found on the left-side. The box in the middle represents the Provenance Aware Synthesis Tracking Architecture (PASTA) that is being developed by the LNO. External value-adding applications are on the right-side. New applications can be developed by discovering and accessing data through a standard programming interface.



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Point 1: Development will be both iterative (using a cyclic process) and incremental, with public releases occurring early and often that will add new features with each release. Point 2: There will be two major releases of the NIS. The first, an operational prototype, will be released to the community in April 2012. The second and final production release will be in April 2014.

Operational prototype - Integrated into current web portal; Basic programming interface for discovery/access of data; System-based workflow execution for creation of derived data; Automated metadata/data harvesting with QA/QC for tabular data; Partial provenance capture for data life-cycle

Production deployment - Full featured web portal; Advanced programming interface for building external applications; Support for user-created workflows and creation of derived data; Automated metadata/data harvesting with QA/QC of tabular and complex data; Full provenance capture for data life-cycle



To ensure bi-directional communication with stakeholders without jeopardizing timelines our external advisors and NISAC suggested that we enlist the concept of small 'Tiger Teams' to focus on specific component development cycles. We're looking for 2-3 individuals on each component/sub-component to provide rapid feedback when needed, direct input to requirements and design, and do acceptance testing. The task won't be horribly onerous and the tenure is short. Some groups will be better suited to technical folks and others for non-technical folks in either category we would like to engage domain scientists.



Tiger Team Sign Up

Date	Subsystem	Codename	Member Count
May 2010 - Sep 2010	Metadata Management Suite	Aragon	2
Jun 2010 - Dec 2010	Workflow Suite	Boromir	0
Sep 2010 - Mar 2011	Data Management Suite	Frodo	0
Jan 2011 - Jun 2011	Identity Management Services	Gandalf	0
Apr 2011 - Sep 2011	Discovery/Access API	Gimli	0
Sep 2011 - Feb 2012	NIS Data Portal	Legolas	0
Oct 2011 - Mar 2012	Persistent Identifier Services	Merry	0
Dec 2011 - Apr 2012	Audit Services	Pippin	0
TBD	System Monitor	Sam	0

https://nis.lternet.edu

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For Additional Information or Comments

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