Research Enables Enterprise Transformation

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The Transformation Imperative

• **Static/Shrinking Budgets**
  - Need to do more with less

• **Manage multiple Stakeholder Needs**
  - National Needs
  - Suppliers
  - Customers
  - Shareholders
  - Employees

Transformation is not a choice!
It is critical to enterprise sustainability.
Emerging Key Challenges

• Managing increasing technological complexity
• Designing collaborative networked enterprises
• Adapting to fast-changing external environment
• Coordinating across multiple interfaces

MOVING FROM THE PAST
(vertically integrated) enterprises

TOWARDS THE FUTURE
(networked) enterprises
The LAI Consortium enables rapid progress towards transformation by enabling synergy between the research and product development processes.
Four Grand Questions Derived from the Transformation Imperative

1. How can I understand how my organization/enterprise currently operates within its larger context?

2. How can I define and evaluate the future possibilities for a more efficient and effective enterprise?

3. What are the most effective strategies and tactics to achieve these future possibilities for my enterprise?

4. How can I best manage the enterprise change process?
Seven Research Clusters to Answer the Four Grand Questions

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Strategies for High Performance Enterprises

Enterprise Product Development

IT-Enabled Enterprise Integration

Value-Based Architecting

Enterprise Change Processes

Enterprise Cost Metrics

Enterprise Modeling & Design

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