Sun in Education

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Agenda

- Questions and Facts to Ponder
- Sun and our Education Vision for Digital Schools
- Sun's Value Proposition
- Recommended Actions

Questions

_ What does ICT in Education mean to your country?

_ Is your ICT in Edu strategy linked and synchronized with your nationwide ICT strategy?

_ Is there an ICT Skills Capacity Building strategy? If yes, how is it linked to Economic Development?

_ How can you inject ICT induced productivity gains into industry?

_ How do you achieve "real" results from leveraging ICT in the education process?

_ Is there a policy for Openness? (Source, standards ....Make vs. Buy?)

National ICT Concerns

- Impact of Globalization
- Workforce development
- Coping with the digital divide
- Leveraging ICT and eLearning ...
  in the Education-ecosystem
- Socio-economic development
  (eHealthcare, eGov, etc.)
- eCitizen and eSociety
- Cost Containment and interoperability

Global ICT Challenges and Opportunities

- Security
- Identity Management
- Web Services and application development
- "Open Architectures" and "Open Source"
- Resource Provisioning
- Java development
- Wireless infrastructure and applications
- Mobility with Security
- Application Integration

SKILLS = JOBS

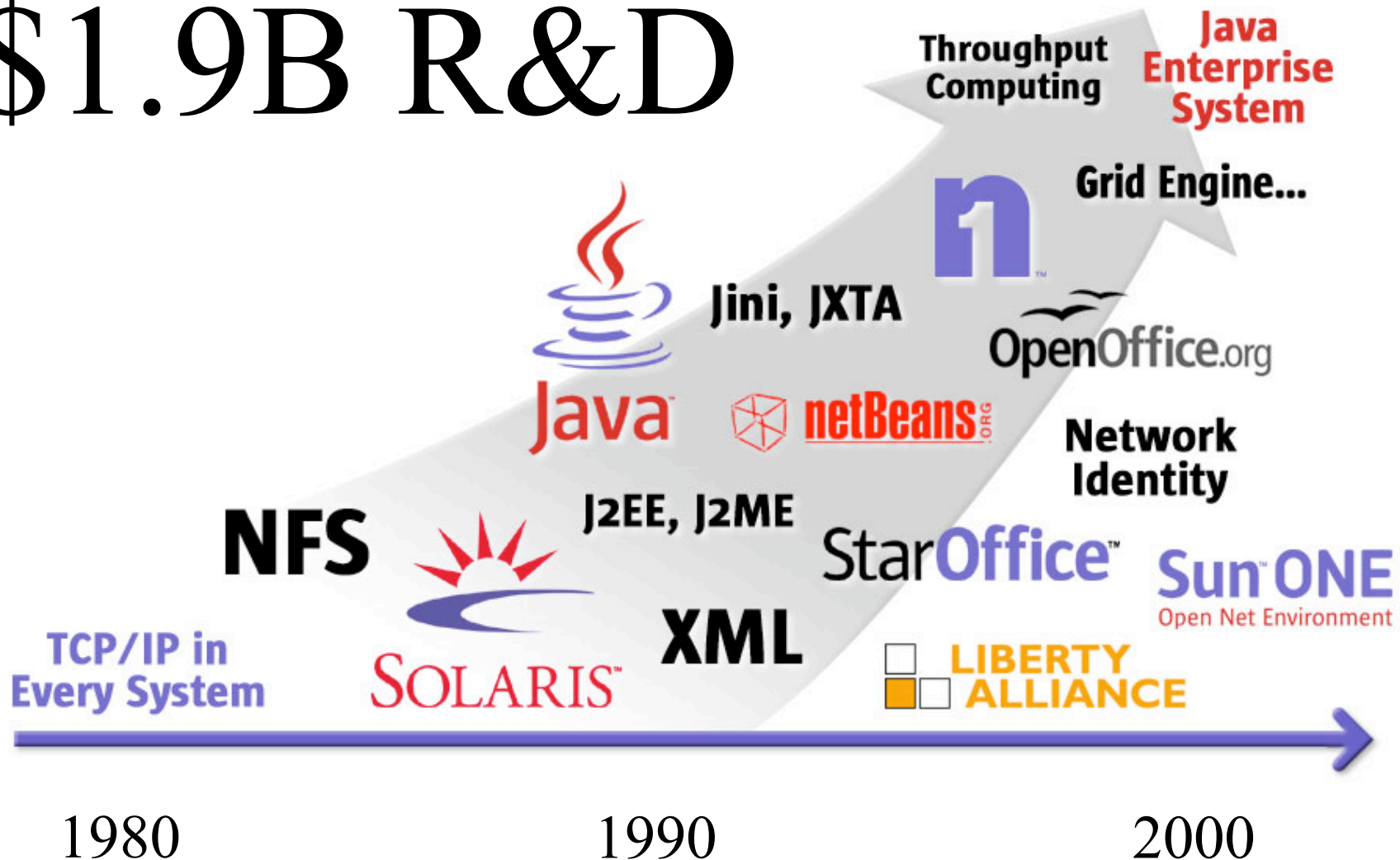Sun Vision

Everything and Everybody
Connected to the Network

Sun's Roots are in Education

- Sun = Stanford University Network
- Founded in 1982.
- 1st Customers were Universities.
- Critical R&D centers for Sun.
- Education is Early Adopter.
- Sun is a leading provider of open network computing to education worldwide.

An Innovation Engine

$1.9B R&D
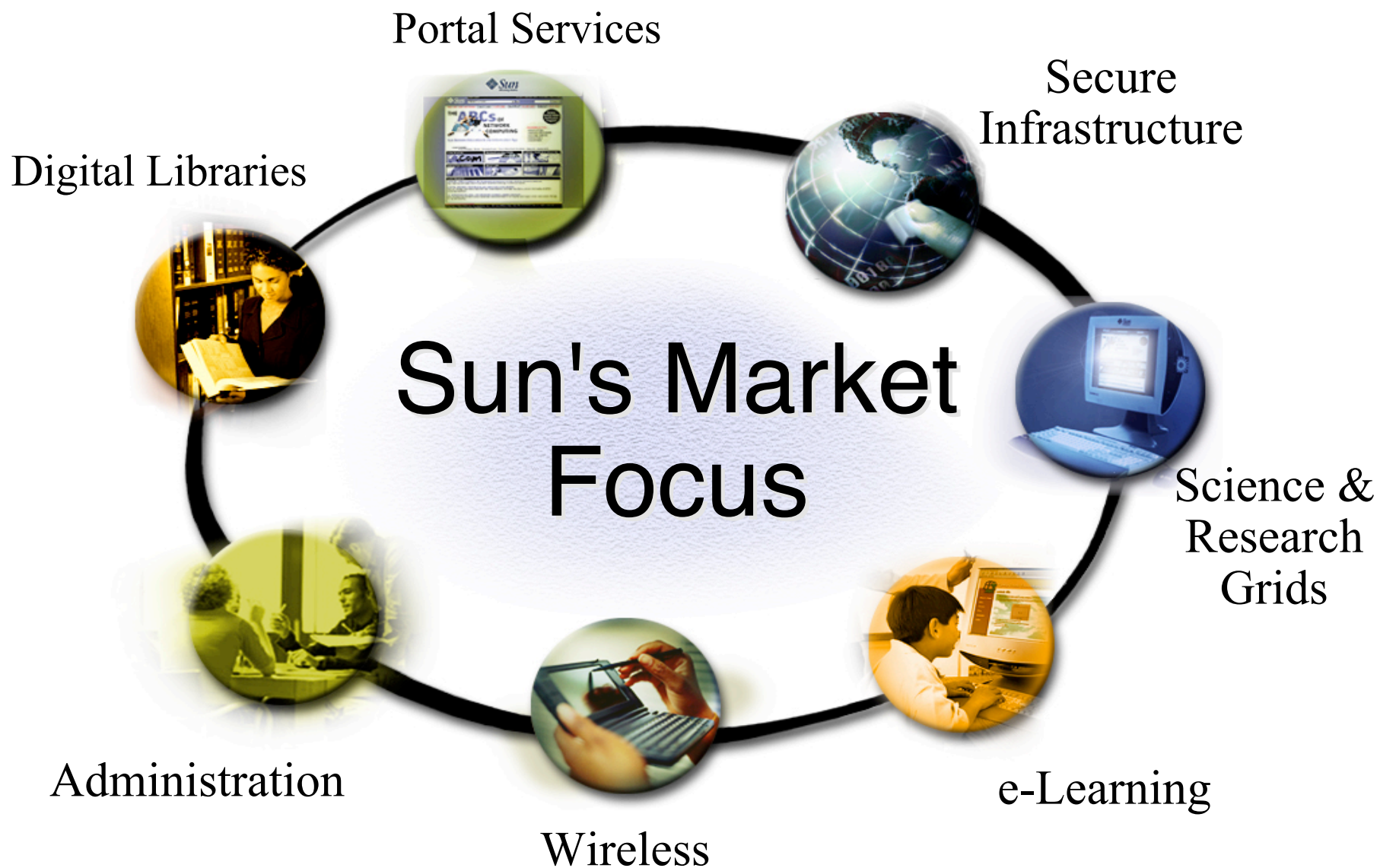
Throughput Computing

Java Enterprise System

Grid Engine...

n

Jini, JXTA

OpenOffice.org

Java

netBeans.org

Network Identity

NFS

J2EE, J2ME

StarOffice

Sun ONE
Open Net Environment

TCP/IP in Every System

SOLARIS

XML

LIBERTY ALLIANCE

1980   1990   2000

What Primary/Secondary Schools Do

- Deliver curriculum to drive student learning
- Track and report student attendance
- Track and report student achievement
- Manage human resources
- Teacher Training
- Provide transportation and foodservice
- Procure goods and services
- Provide safe and secure environment
- Build community
- Provide a technological infrastructure
- Etc ...

What Primary/Secondary Schools Do

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- Provide transportation

- Procure goods and services

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- Build community

Integration Requires Commitment to Standards

Sun's Commitment to Standards

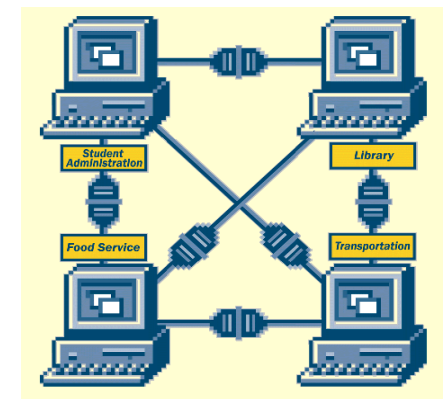The foundation to the Personalized Education System

The Digital School and Campus

24x7 Virtual School   **New Communities**   **New and improved Serv ices**

Identity Management   Web-Services Architecture   Security   J2EE Architecture

Sun Java Enterprise System and Community of Partners

| Administration

ERP

e-Portfolio | Integrated Library System

Digital Library | Collaboration

Workflow

Knowledge Management | e-Learning

Collaboration | Technical Computing

Research

Grid |

Administrative   **Academia and Research**

Vision Enables a Unified Education System

No matter where data and applications reside:

Securely Integrated and Personalized for...

Targeted Communities

- Communication & Collaboration
- Curriculum, Prof Dev, and Assessment
- Enterprise, Legacy, & Business Intelligence
- Internal and External Information Feeds
- Business Process Automation

Administrators

Teachers

Students

Parents

Gateway to resources and applications

EDUCAMADRID

Impulsando la Nueva Educación

Mis Comunidades

Martes, 18 Abril 2003
Estudiante 4º de Primaria
Usuario: Carlos de la Mata

MI CLASE

Colegio SALZILLO
4ºB Primaria

Mi centro de estudios
Mi clase
Comunidades temáticas
Crear comunidad

Actividades

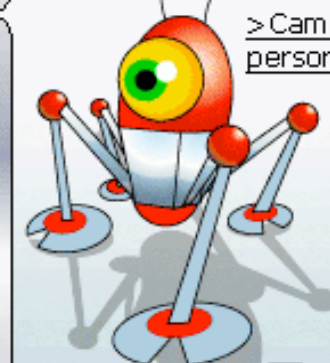**Temas**

Cuentos

Enciclopedia

El Aula Virtual

Espacio de Ocio

Revista Digital

AGENDA de MI CLASE

Abril 2003

L	M	X	J	V	S	D
			1	2	3	4
5	6	7	8	9	10	1
1	12	13	14	15	16	17
18	19	20	2	1	22	23
24	25	26	27	28	29	30

Para HOY

1 Esto es un bloque de texto ficticio para rellenareste espacio vacío.

2 Esto es un bloque de texto ficticio para rellenareste espacio vacío.

3 Esto es un bloque de texto ficticio para rellenareste espacio vacío.

Mi Web

Mis Contenidos

Mi Perfil

BUSCAR

Buscar

PREGUNTA ?

Esta es la primera pregunta

Sí   No

CHAT

FORO

TABLÓN de Anuncios

TAREAS

TABLÓN de Anuncios

Esto es un bloque de texto ficticio para rellenareste espacio vacío.Esto es un bloque de texto ficticio para rellenareste espacio vacío.

Esto es un bloque de texto ficticio para rellenareste espacio vacío.

espacio vacío.Esto es un bloque de texto ficticio para rellenareste espacio vacío.

> Cambiar personaje

Comunidad de Madrid
CONSEJERÍA DE EDUCACIÓN

Ayuda | Mapa del web | Buzón de sugerencias

EDUCAMADRID

Strategic Programs Support Commitment

Innovation in Schools – StarOffice

- Free RTU License to Education – schools, teachers & students.
- 26 Ministries of Education WW signed as Distributors.
- 40 million downloads of OpenOffice.
- 5 million sales of StarOffice.
- OpenStandards Growing Momentum.

Serious Software Made Simple
for Education

Java Enterprise System
Network Identity Services, Web & Application Services, Collaboration & Communication Services, Portal Services, Availability Services

New

Software System

... standards-based enterprise network services, integrated as one entity

New

Systematic Approach

... developing, testing, delivering and servicing the complete offering

New

Business Model

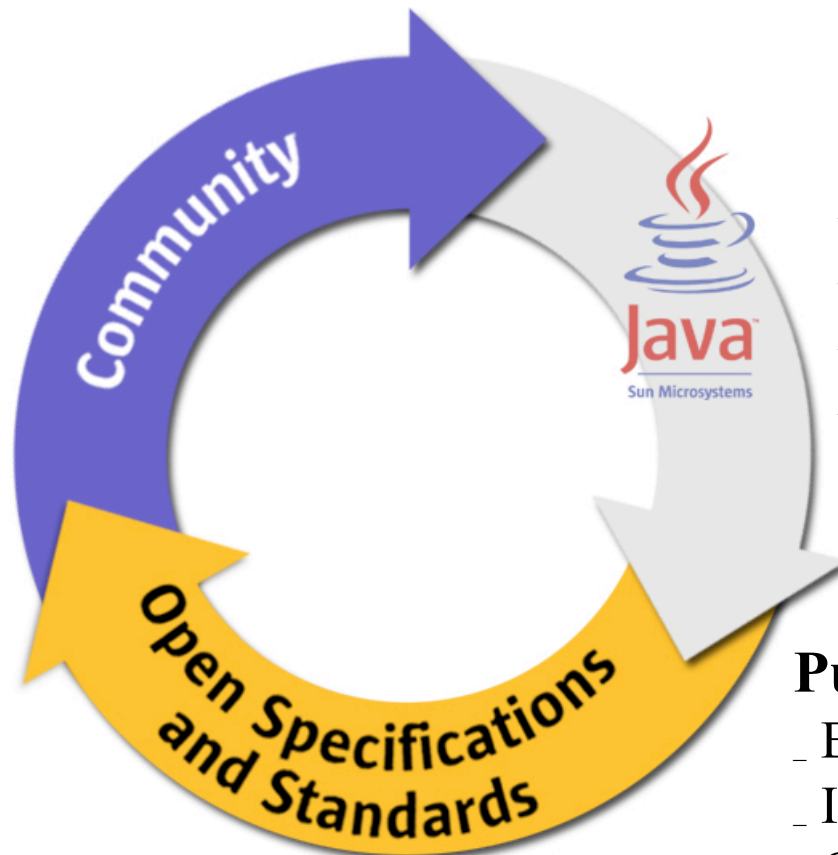... single price and single license for software, support and services

Global Education & Learning Community

Forums
_ Discussion Groups
_ Events
_ Web

Open Source, Java-based Project Implementations
_ eLearning
_ Interoperability
_ Digital Libraries
_ Grid

Community

Open Specifications and Standards

4 Views
_ Student Portal
_ Educator Portal
_ Developer Portal
_ Public Policy Portal

Public Policy
_ Education & eLearning
_ Interoperability
_ Open Standards

IMS, SIF, SCORM, METS

Sun's Value Proposition for Education

ICT Powered Economic Development

Mfg   Telco   Finance   Edu   Gov   Health-care   Life Sciences Emerging Markets

eLearning Infrastructure

ICT Skills Capacity Building (STAR, SAI, EduSoft Academic, GELC)

Sun Ecosystem of Partners and Communities of Interest

Centers of Excellence and Science & Engineering Collaboration

HW and SW Infrastructure (Solaris, JES, JDS, ID Manager, etc)
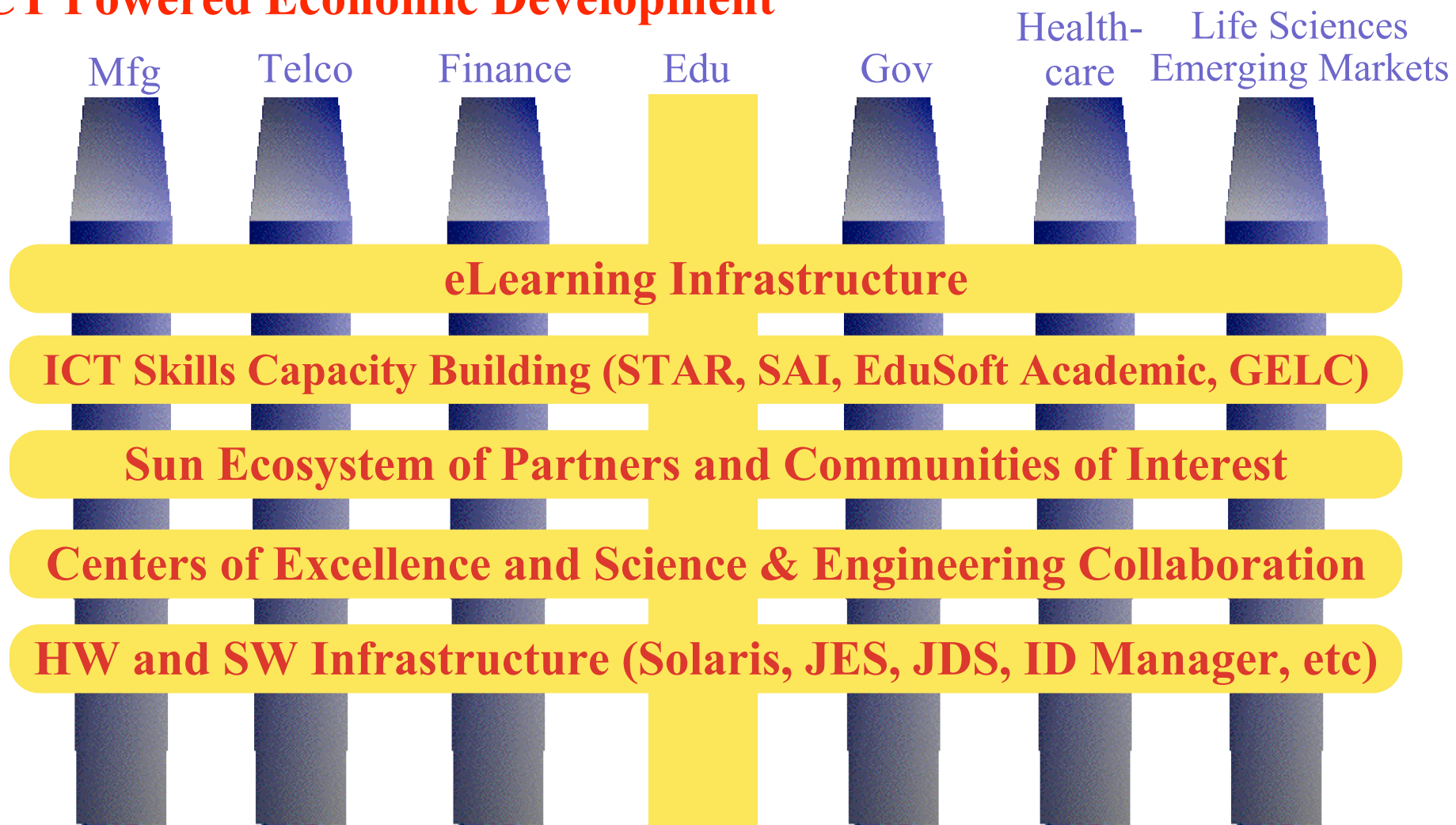
Recommended Actions

share your experiences

- Establish nationwide education Identity Management

- Establish a nationwide Security Strategy

- Build strong partnerships with universities, other education organizations, and industry (possible ASPs, create links to Schools of Education)

- Build Repositories of Teacher Training Resources for best of breed skills development

- Build federated repositories of content for students

- Evaluate Community-led Student Information Systems with Life Long Learning focus (K-12 to Higher Ed to LLL.

- Student Portfolios are a must

Recommended Actions
share your experiences

- Evaluate Solaris 10
- Evaluate Thin Client Alternatives
- Join Sun's Education Connection Community
- Build ICT Skills Capacity:
  - Join the Sun Academic Initiative
  - Subscribe to the EduSoft Academic
  - Evaluate Sun's Co-investment program (Matching Grant)
- Take advantage of StarOffice / OpenOffice

Sun's Value Proposition for Education

Sun Helps Institutions
Develop Scalable, Secure
Environments for Knowledge
Discovery, Creation,
Delivery, and Collaboration

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