

# TRS IT Overview

October 2015



# Teachers Retirement System

## Vision

*“Earning your trust every day.”*

## TRS Mission

*“Improving the retirement security of Texas educators by prudently investing and managing trust assets and delivering benefits that make a positive difference in members’ lives.”*

# Teachers Retirement System



## Pension Fund

- Defined benefit plan
- 1.4 million members
- \$130 billion in assets
- 1 in 20 Texans are a member of TRS!



## TRS-Care

- Self funded group health care plan for Retirees
- 230,000+ Participants



## TRS-Active Care

- Health care plan for our active educators
- 450,000+ participants



## 403b

- Certify companies
- Set fee limits
- 403b saving through payroll deductions

650 Employees

150 Million Operation Budget

Cost per member: \$30

*In 2014 TRS paid over \$8.5 billion in benefits to over 360,000 retirees!*



# IT Quick Facts

## Resources

\$18M Budget  
98 Full Time Employees  
105 TEAM Contractors  
2,400 sq ft Data Center  
358+ Network Servers  
1.8 Pb Storage  
1,200 PC Workstations  
1,048 Telephones  
92 Toll-Free lines  
92 Local phone lines  
160,000 Mainframe transactions  
per day  
160,000 Database transactions  
per month



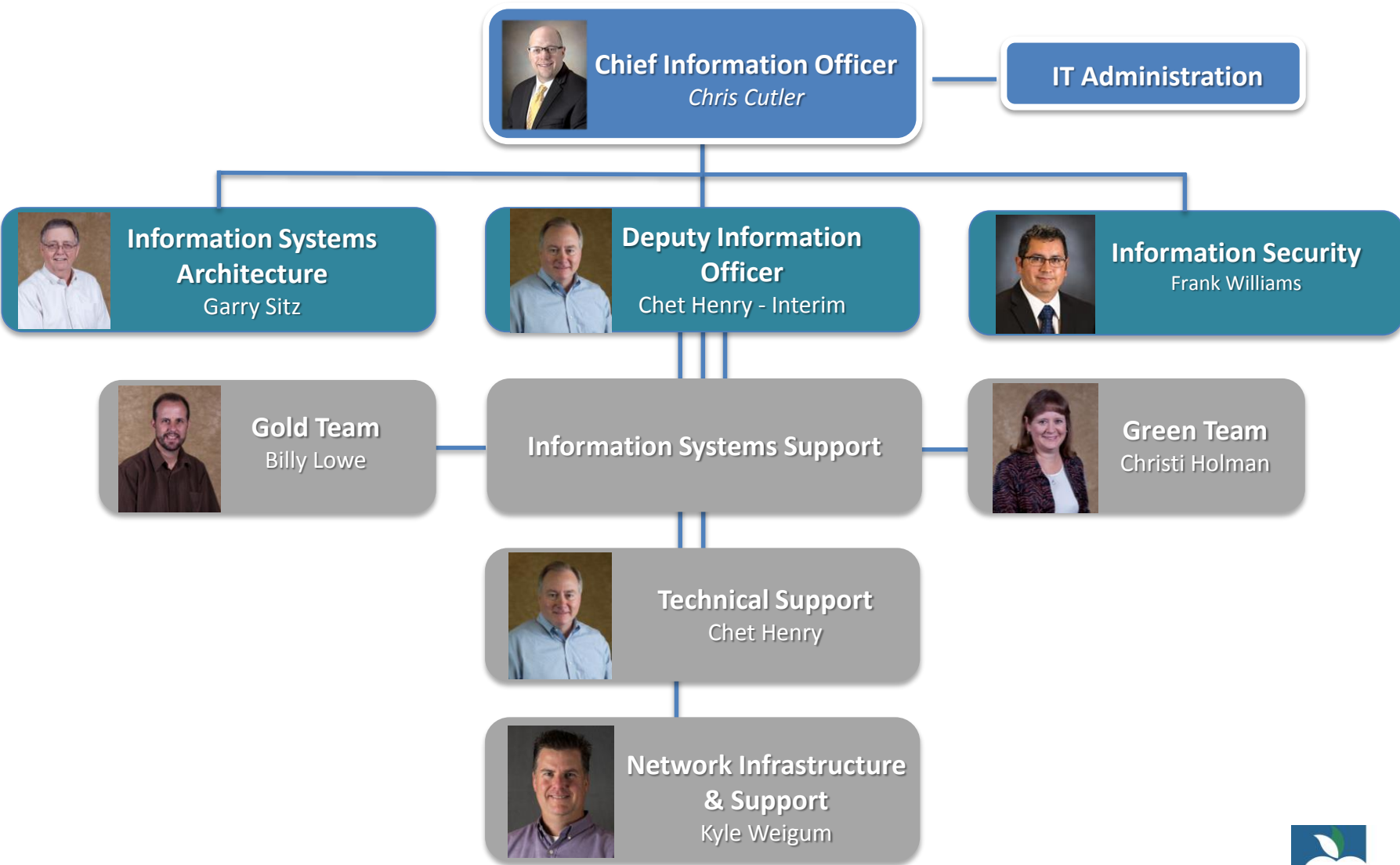
## Key Drivers

TEAM Program  
Core Business Applications and Support  
Business & Technology Changes  
Legislation – State & Federal  
Internal Service Request

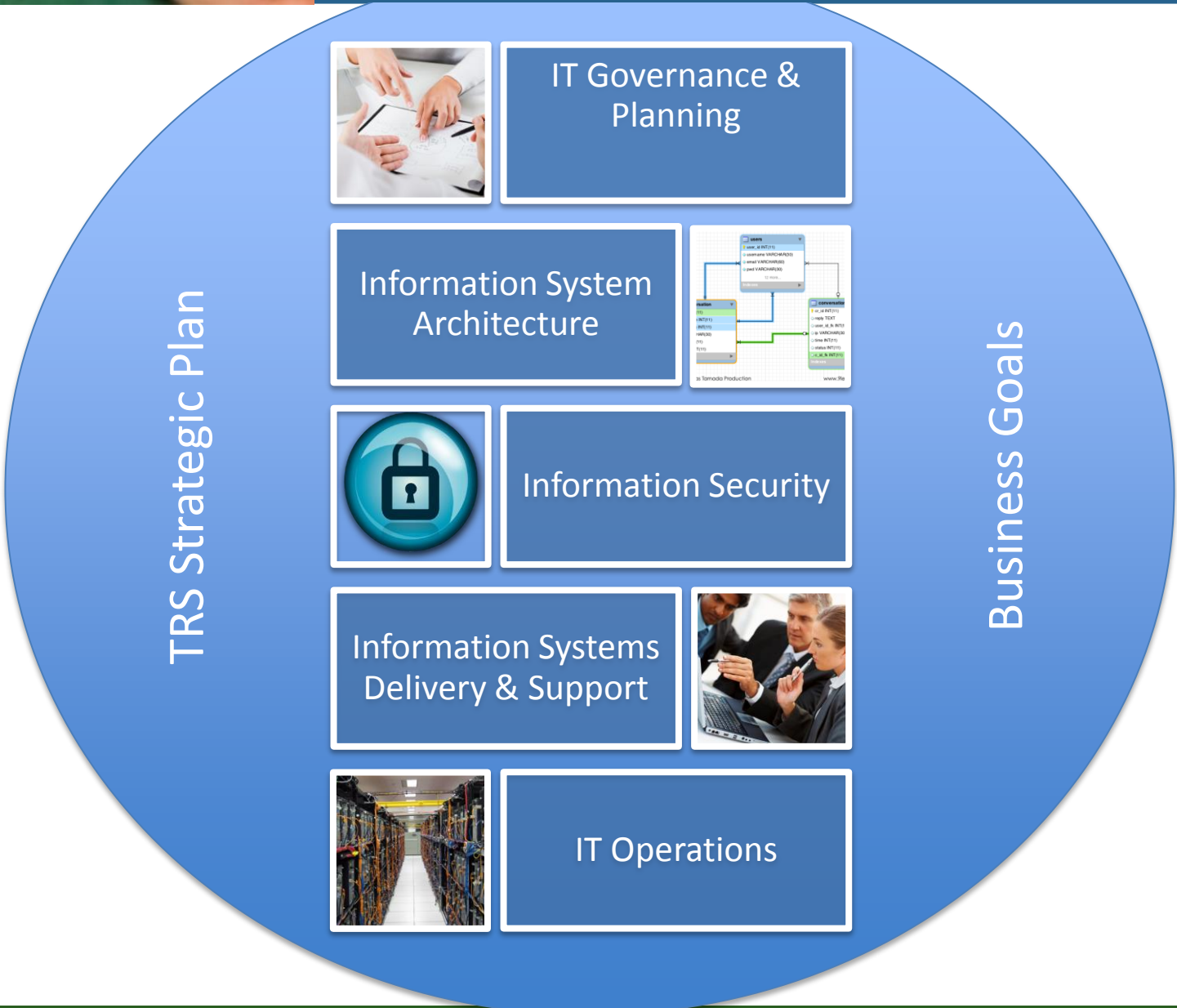
## Outputs

1.3+ Million Members  
\$130B Net Assets  
593 TRS Staff  
70 Completed Project in FY14  
101 active IT Projects  
472 Contracts Managed  
22+ Million documents imaged  
62 Internally written applications  
54,677 Viruses blocked monthly  
750,000 emails per month  
24.4 million emails stored  
500,000 Calls into the TCC

# The IT Team!



# Core IT Functions



# Sampling of Vendors



## Hardware

NetApp

CISCO IBM

BROCADE DELL

STORAGETEK APC

PURESTORAGE

EMERSON

SIEMENS



## Software

commvault

Microsoft

vmware IBM

redhat Microsoft SQL Server

Java Adobe

FILENET McAfee Experian

software AG



## Solutions

STATE STREET

hp Diligent

Bloomberg

NEOGOV™

UnboundID ALERT LOGIC™

silanis efront

CORTICON™

UNIFY LYRIS™

IMPERVA™



# Key Project Initiatives

- TEAM Program



# TEAM Program

## Line of Business Replacement



## Financial Systems Replacement



# TEAM Program

## Line of Business Replacement



## Financial Systems Replacement



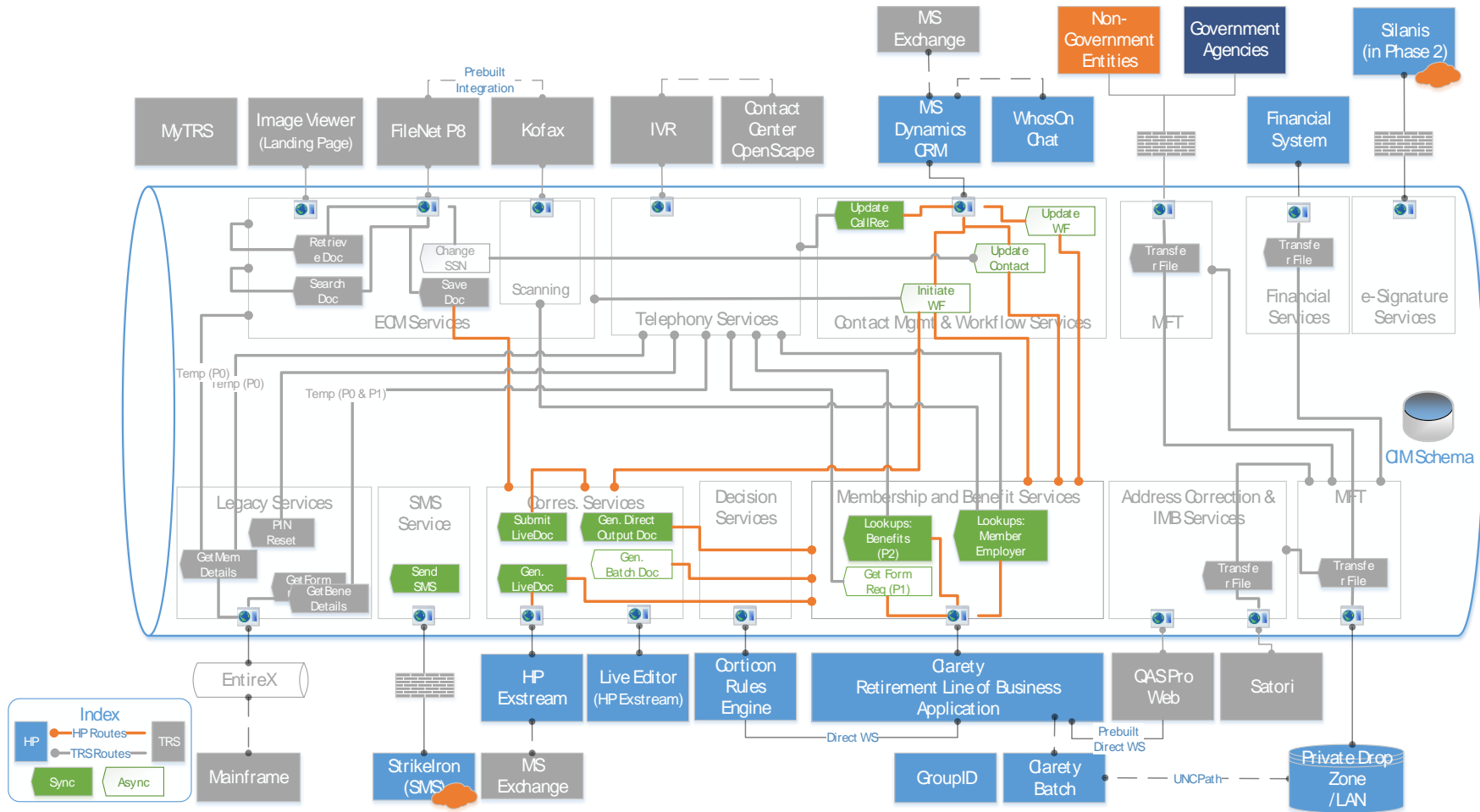
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## Supporting Projects

Data Management  
Business Rules  
Reporting Entity Outreach  
Org. Change Management

Decommissioning Legacy Systems  
Business Procedures and Training  
Maintenance & Enhancement  
Website Redesign

# System Integration - ESB





# Key Project Initiatives

- TEAM Program
- TRS London
- Data Center Colocation
- Texas.Gov
- Mobile Device Management
- Information Security
- Cloud Computing
- Remote Counseling
- IMD Support and Governance



# Issues and Challenges

- TEAM Program Schedule and Resource Alignment
- Staffing & Retirements
- Information Security
- IT Administrative Efficiencies
- Competing Priorities



# Technology Trends

- Technology transformation – Mainframe to Distributed computing
- Enterprise Service Bus
- Web Based Services
- Cloud Computing
- Personal and Mobile Devices
- Risk Based Security
- Data Management and Analytics



# Goals for FY 2016

- 1. Recruit, train and retain great IT people*

# Gartner® SYMPOSIUM ITXPO® 2015





# Gartner® SYMPOSIUM ITXPO® 2015





# Goals for FY 2016

- 1. Recruit, train and retain great IT people*
- 2. Build and maintain a robust IT infrastructure*
- 3. Develop and maintain a strong, creative applications development team*
- 4. Manage projects and application portfolios effectively - TEAM!*
- 5. Ensure partnerships within the IT department and with the business*
- 6. Develop a collaborative relationship with external partners*

$$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$$



style, as all his or her feelings and convictions come out through the words.

- ✓ Express your own thoughts and points of view clearly.
- ✓ Keep the reader interested in the topic.
- ✓ Encourage the reader to respond to the topic.
- ✓ Demonstrate a sense of energy in your writing.
- ✓ Emphasize your own personality in your writing.

