

21st Century GDS



The Grant Delivery System

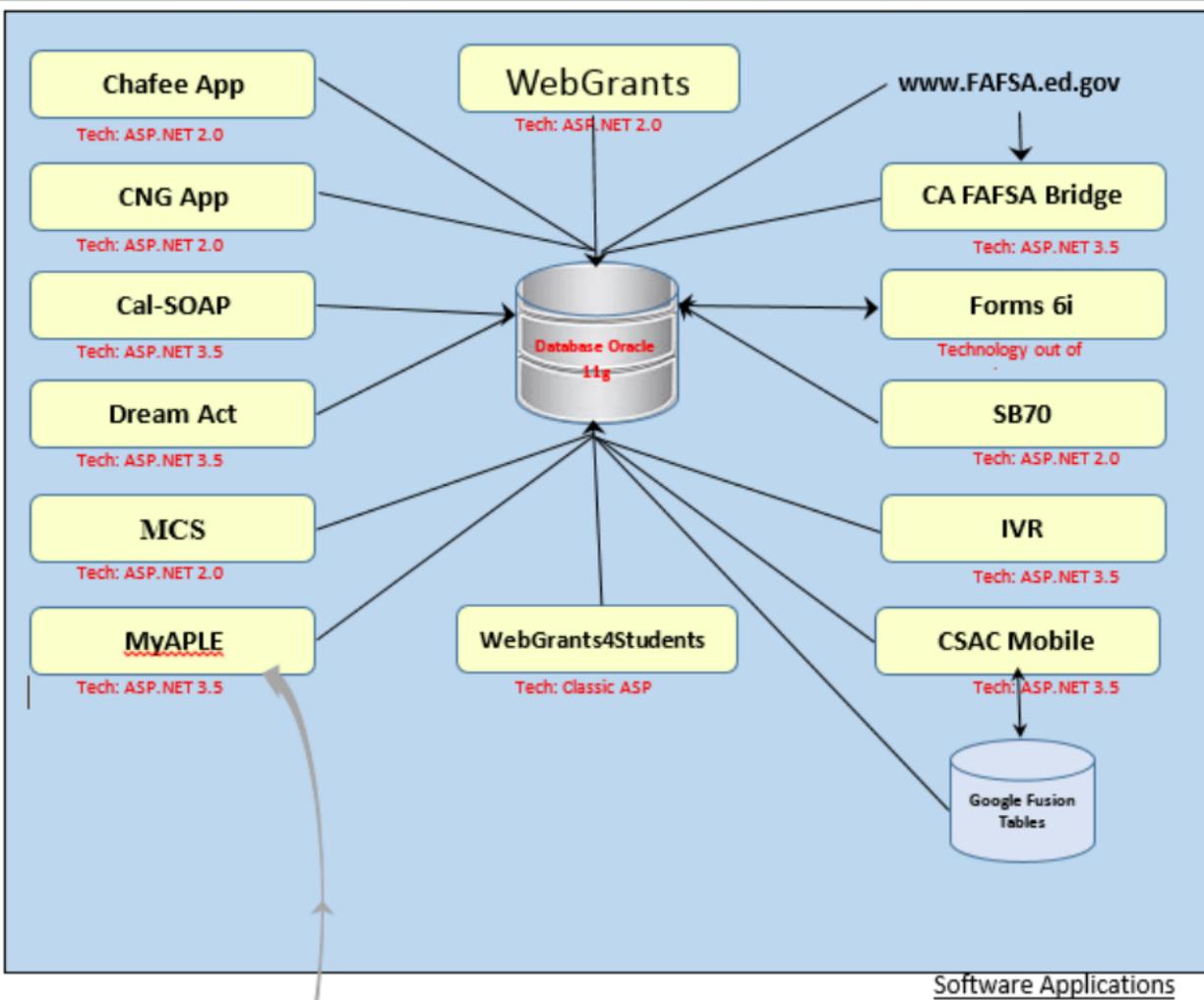




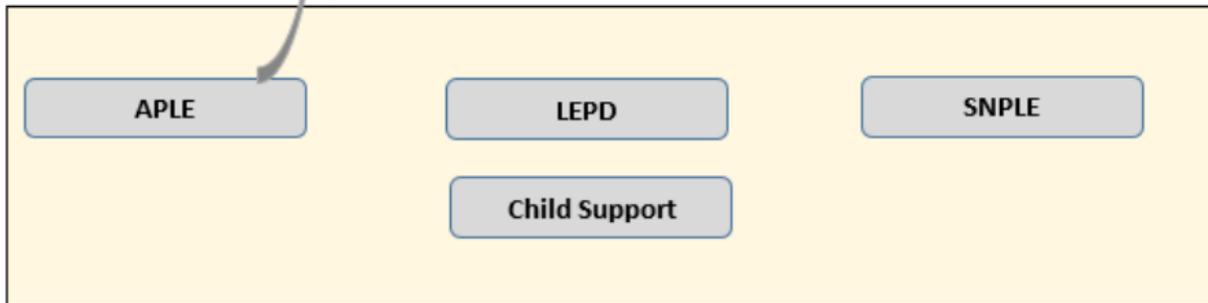
The Grant Delivery System



Applications and Platforms



Software Applications



MS Access Databases

Primary Database

- 1) WebGrants
- 2) CNG
- 3) Chafee App
- 4) Cal-SOAP
- 5) Dream APP
- 6) MCS
- 7) MyAPPLE
- 8) WG4S
- 9) FAFSA Bridge
- 10) Forms 6i
- 11) SB 70
- 12) IVR
- 13) CSAC Mobile

Separate Databases

- 14) APLE
- 15) LEPD
- 16) SNAPLE
- 17) Child Support
- 18) Cash for College

GDS is complex and challenging to maintain

- The GDS database has 700 tables, and over 1.6 billion records supporting 13 programs
- The applications were developed by separate vendors over 30 years using different software platforms, many of which are no longer supported by vendors
- The result is a fragile system in which even small changes require extensive coding and testing
- Much of the GDS System is Undocumented



Older Systems Are Challenging

Basic maintenance operations consume available resources leaving no time for important activities

- *Last Security Asssessment performed in 2005*
- *Backlog of more than 177 system change requests from stakeholders*
- *Inability to fully test changes leads to systemic risk*
- *No resources to test Disaster Recovery System*

CSAC IT Staff Are Experts

CSAC currently has the skills to hold all the pieces together



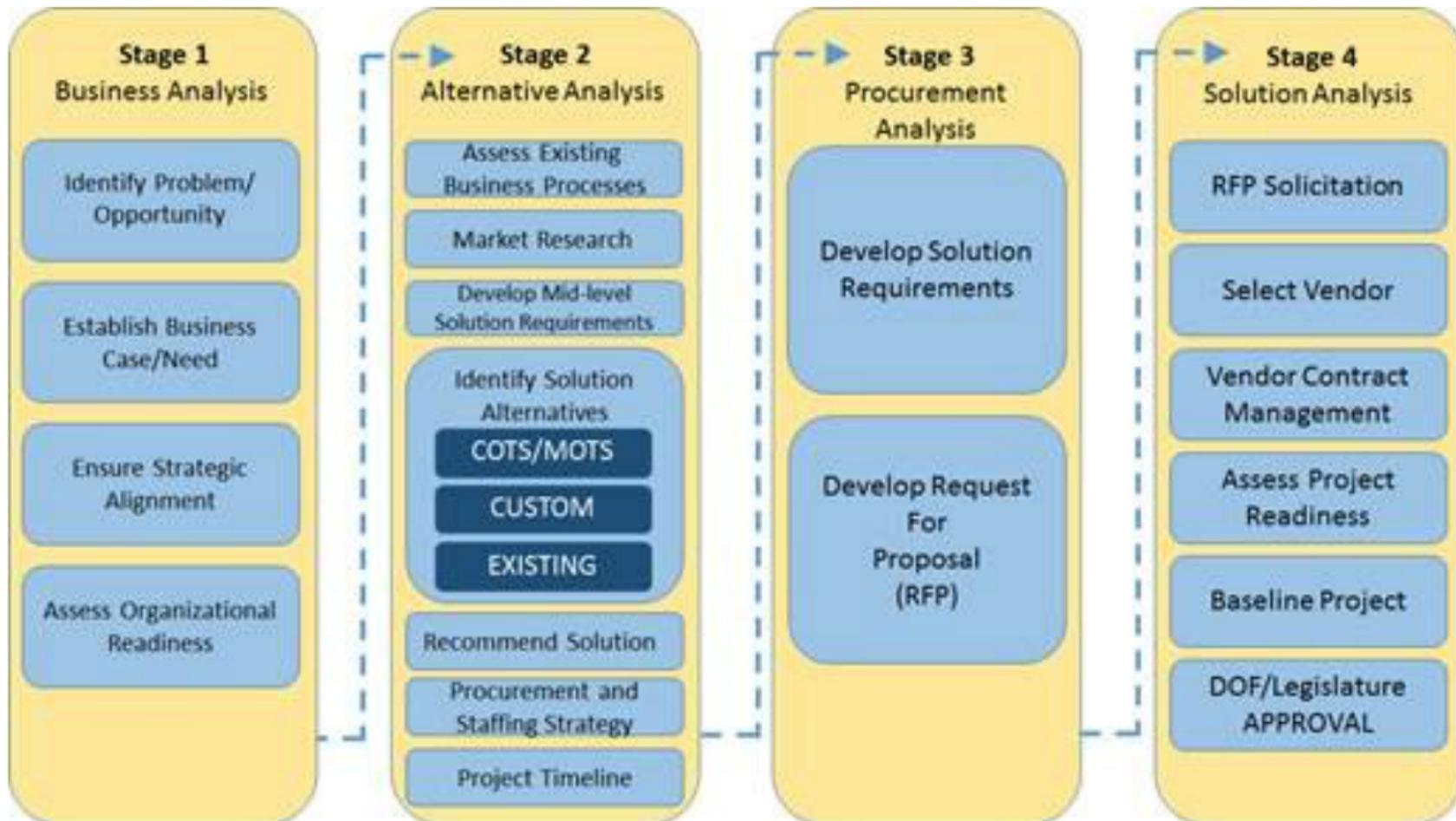
- Retirements present a challenge in maintaining older technologies

There are Staffing Challenges

Governor Schwarzenegger cut CSAC's budget and personnel significantly in 2005

CSAC IT is falling behind

Role	Current State	Ideal State
Project Manager	1	2
Developer	6	6
Business Analyst	2	6
Tester	1	6
Web Master/Developer	0	1
Release Management	0	1
Change Management	0	1
Total	10	23



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21st Century GDS

Manage all CSAC programs in a modern, fully integrated system

- Offer Increased flexibility for
 - Implementing program changes
 - Adapting to increased capacity needs
- Increased usability
 - Improved web and mobile experiences
- Enhanced security
 - Incorporate modern security models

GDS Upgrade Status

- Received \$840,000 in 2015-16 budget to support Phase 2
 - 3 positions
 - PMO Resources
 - Application Developer
 - Project Manager

Next Steps

2015-16

- Reassess project timeline
- Develop BCP for 2016-17 Tasks
- Documenting Data and Assessing Data Integrity
- Document Business Processes and Develop
- Business Requirements
- Security Assessment
 - Added to Stage 2 Requirements

2016-17

- Conduct a New Market Research Study
 - Added to Stage 2 Requirements
- Hire RFP Team
- Hire Change Management Team