TECHNOLOGY
CENTER
CALIFORNIA COMMUNITY COLLEGES

TECHNOLOGY CENTER

In 2008, we had a plan…

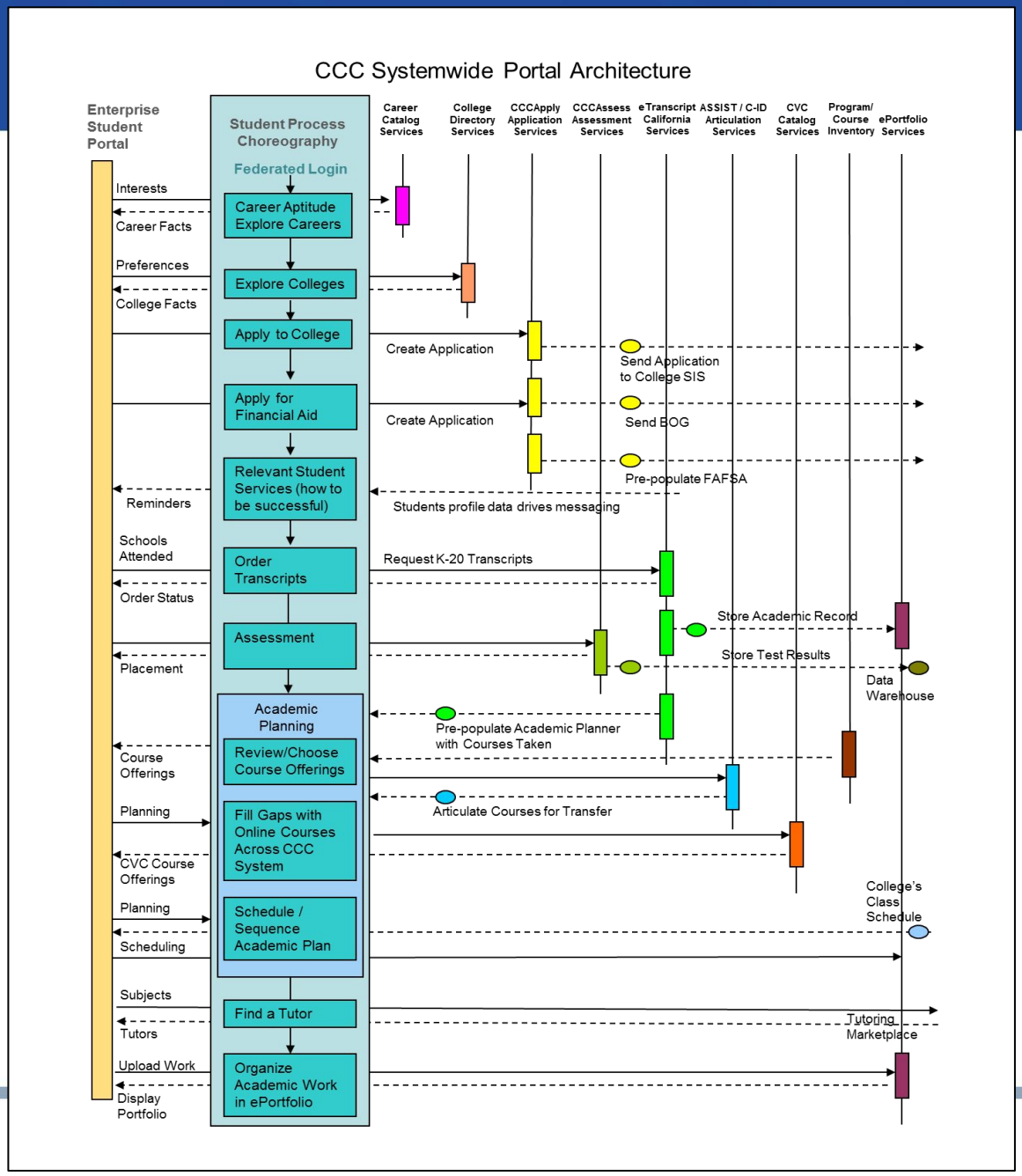
…to meet Today's need.

Clarify the path.

Help students choose and enter a pathway.

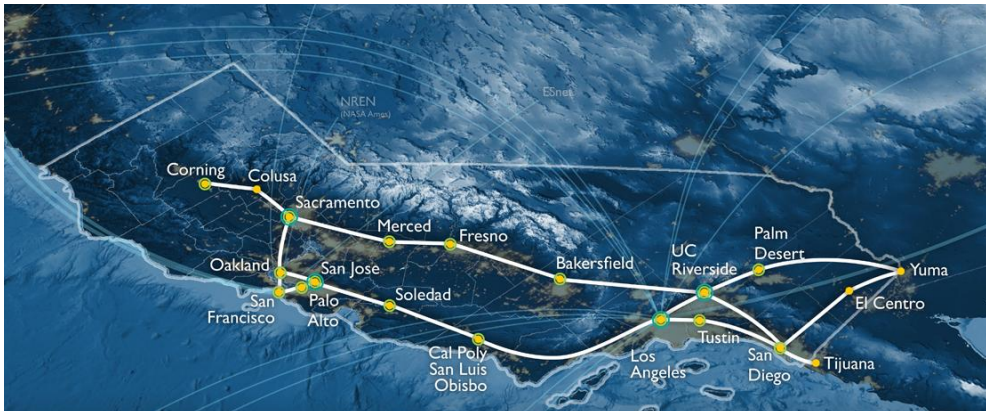
Help students stay on the path.

Ensure that students are learning.



High Speed Internet Connectivity

CENIC



Run

- Governance & Admin.
- 294 Circuits

Grow (FutureProof)

- Upgrade 10Gig Primary/Secondary circuits to colleges
- Ensure 1Gig for Centers, +District Circuits
- 190 Candidates, 119 In Process, 79 Completed

Transform

- Acquire Dark Fiber - 147 Candidates in review

Systemwide Student Account & Identity

High Speed Internet Connectivity

OpenCCC

Run

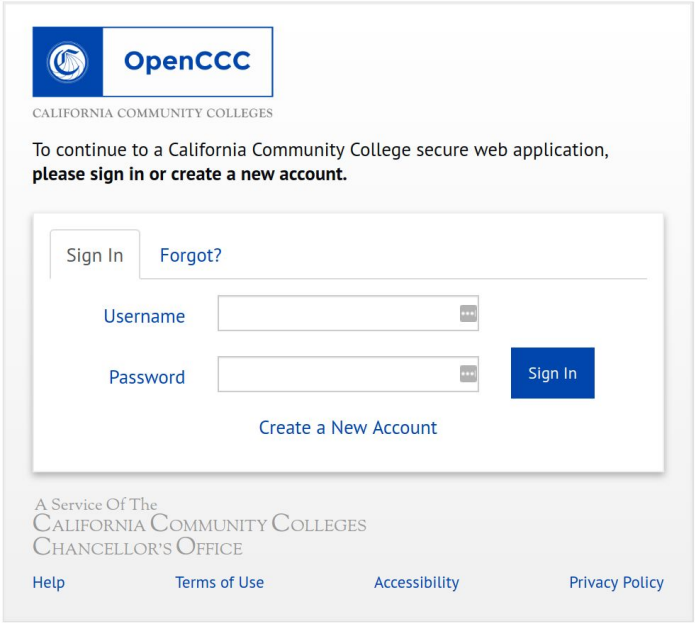
- 5M Student Accounts, ~.002 Duplication
- 6-7K Support Issues per Month, 60 Sec. Response (90% 30 Sec.)
- cccHelp.info

Grow

- Responsive Design, Streamlining

Transform

- Account for Mobile Applications



Application for Admission

Systemwide Student Account & Identity

High Speed Internet Connectivity

CCCApply

Run

- 2.1M Applications, 98% Satisfaction, “Easy”
- 108 Colleges Live
- This year: Homeless Youth, CA College Promise Grant, Moved to AWS, CCGI / CDS Web Services

Grow

- New Admin / Fraud Filter
- Streamlining, Move & Rename Personal Info Page
- 5 Colleges In Process

Transform

- Mobile, Multi Languages, MyPath Integration

Student Portal – Pathways / Recommendations / Messaging / Services

Education Planning

Application for Admission

Systemwide Student Account & Identity

High Speed Internet Connectivity

MyPath - Onboarding Support for Guided Pathways

Run

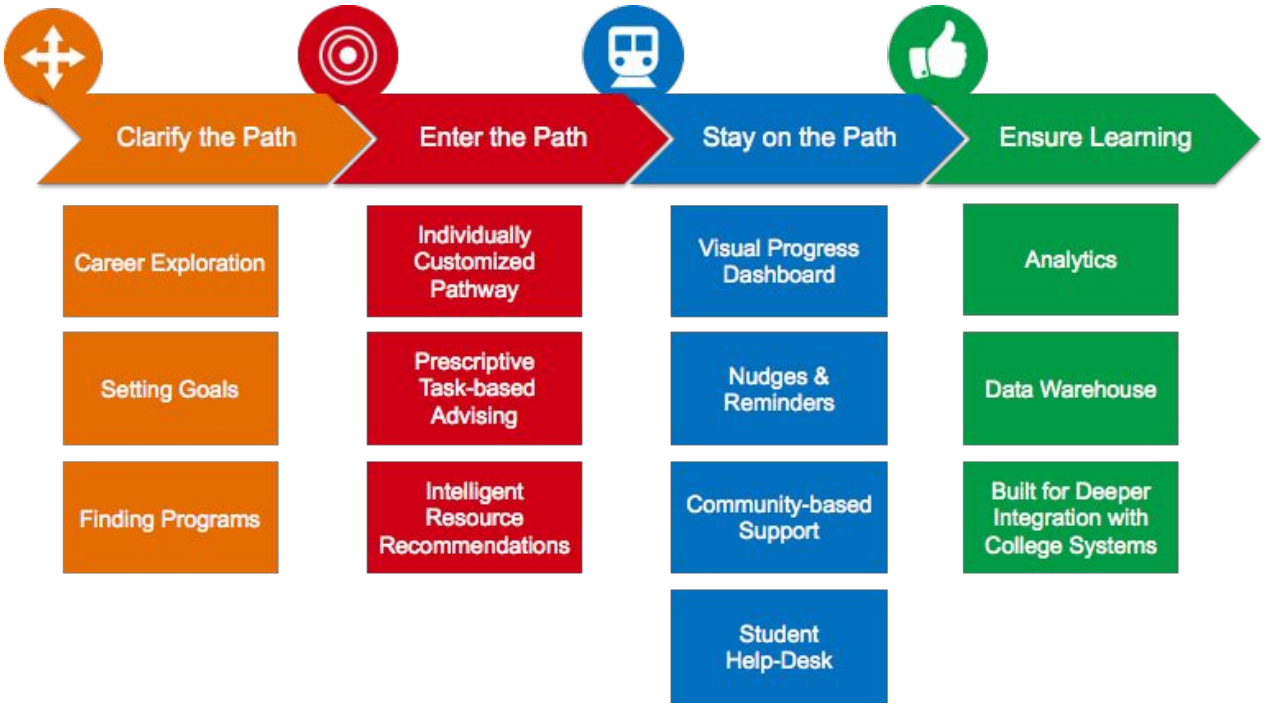
- 2 Colleges Live

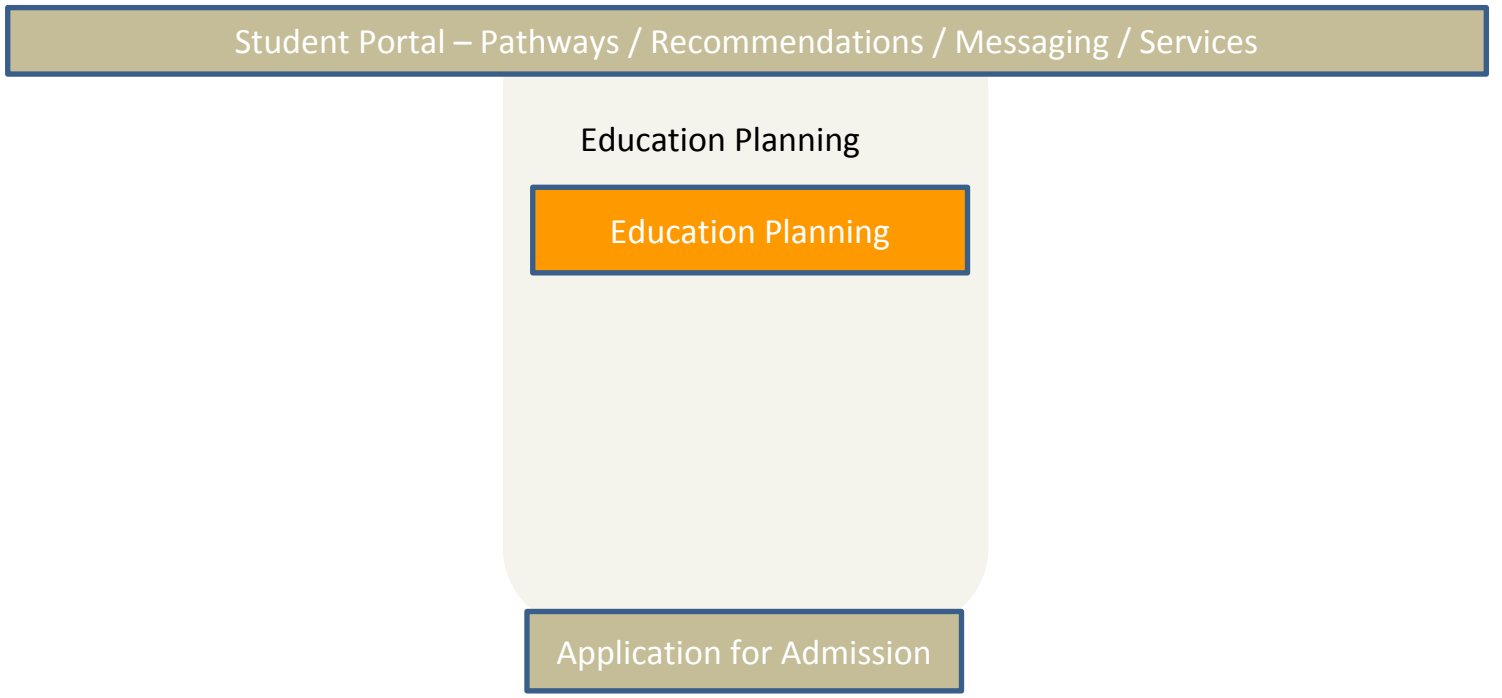
Grow

- 24 Colleges In-Process

Transform

- Documents
- Calendar
- Mobile




Student Portal – Pathways / Recommendations / Messaging / Services
Education Planning
Education Planning
Application for Admission
Systemwide Student Account & Identity
High Speed Internet Connectivity

Starfish

Run

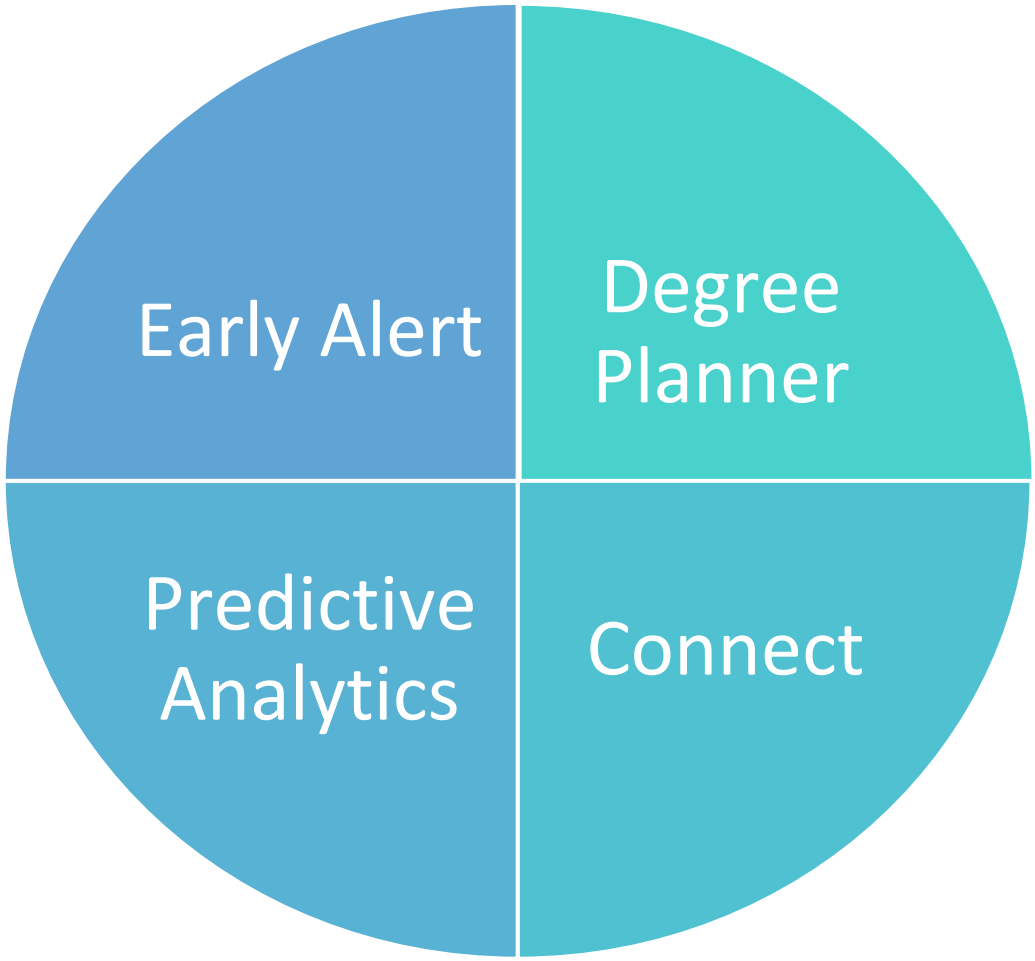
- DP 11 Colleges Live
- EA 21 Colleges Live

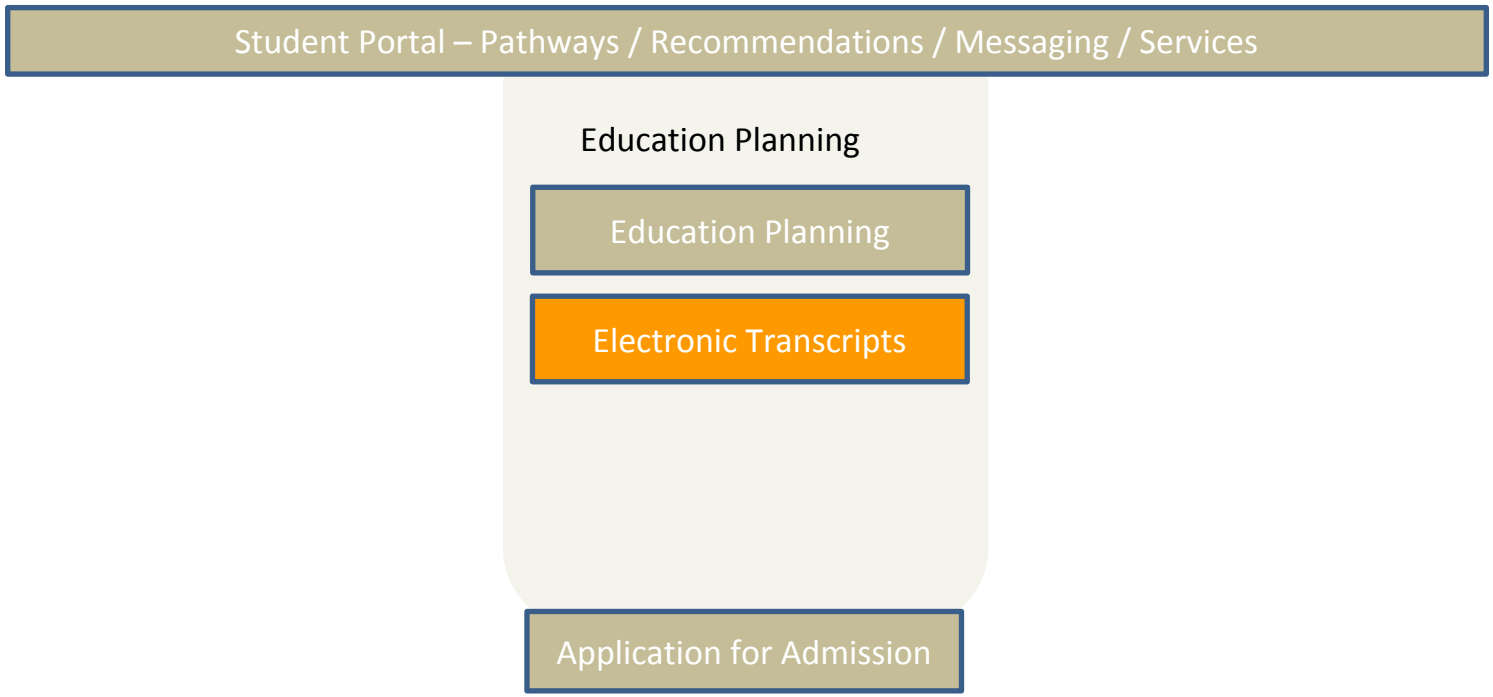
Grow

- DP 11 In-Process
- EA 13 In-Process

Transform

- Users Group




Student Portal – Pathways / Recommendations / Messaging / Services
Education Planning
Education Planning
Electronic Transcripts
Application for Admission
Systemwide Student Account & Identity
High Speed Internet Connectivity

eTranscript California

Run

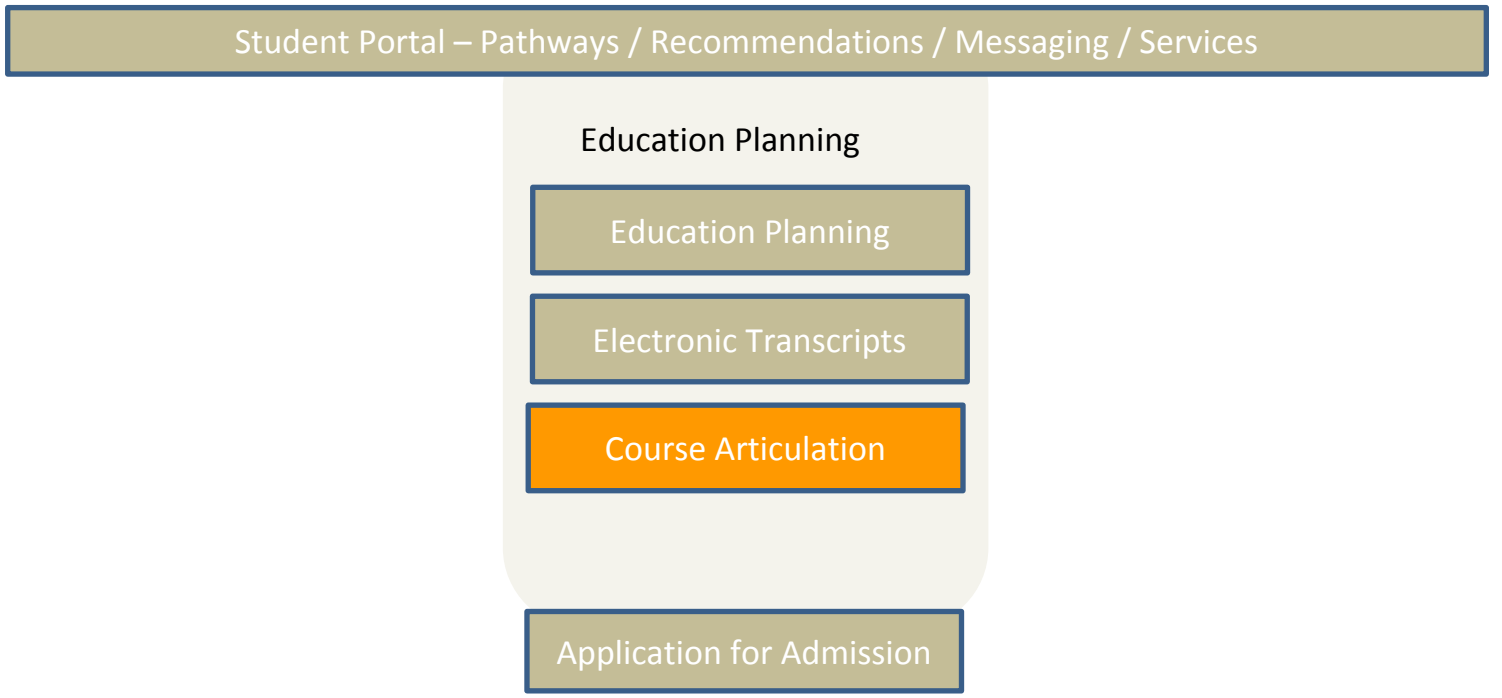
- 71 CCC Colleges Live
- 24 CSU
- 5 UC + Independents

Grow

- 6 CCC In-Progress

Transform

- K-12 Transcripts
- Glue + EDexchange


Student Portal – Pathways / Recommendations / Messaging / Services
Education Planning
Education Planning
Electronic Transcripts
Course Articulation
Application for Admission
Systemwide Student Account & Identity
High Speed Internet Connectivity

C-ID

Run

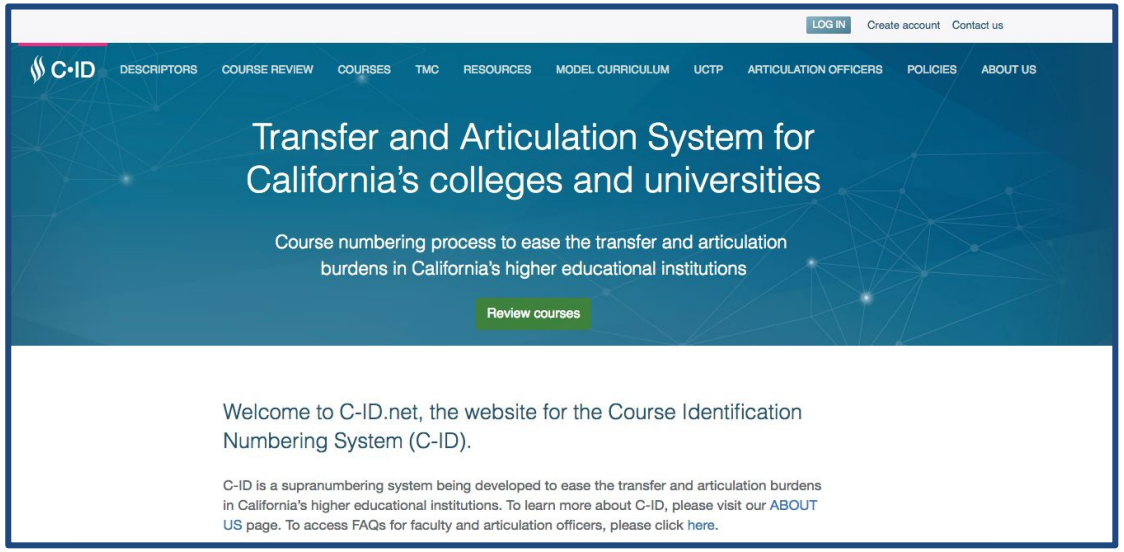
- Stability & Parity

Grow

- + Course Descriptors

Transform

- Articulation Web Services



Student Portal – Pathways / Recommendations / Messaging / Services

Education Planning

- Education Planning
- Electronic Transcripts
- Course Articulation
- Curriculum Inventory
- Application for Admission

Systemwide Student Account & Identity

High Speed Internet Connectivity

Chancellor's Office Curriculum Inventory (COCI)

Run

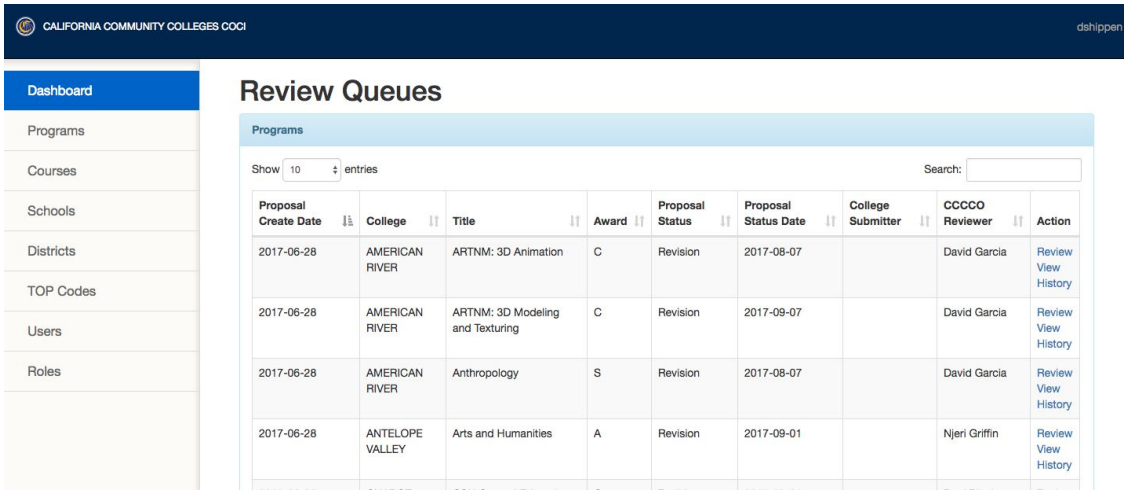
- Stability & Parity

Grow

- 4 Yr Degrees

Transform

- Web Services for Submissions



Student Portal – Pathways / Recommendations / Messaging / Services

Online Ed

Course Exchange

Education Planning

Education Planning

Electronic Transcripts

Course Articulation

Curriculum Inventory

Application for Admission

Systemwide Student Account & Identity

High Speed Internet Connectivity

Course Exchange

Run

- 8 Colleges Live

Grow

- 2 In Pilot
- 2.0 w/ Financial Aid

Transform

- Proxy
- Open Ed Resources
- Help Desk

Student Portal – Pathways / Recommendations / Messaging / Services

Online Ed

- Course Exchange
- Common Course Management System

Education Planning

- Education Planning
- Electronic Transcripts
- Course Articulation
- Curriculum Inventory
- Application for Admission

Systemwide Student Account & Identity

High Speed Internet Connectivity

Canvas

Run

- 113 colleges have adopted Canvas
- 110 colleges are in production with students

Grow

- 92 colleges have turned off the legacy LMS and are migrated 100% to Canvas

Transform

- Learning Analytics - Data Warehouse

Student Portal – Pathways / Recommendations / Messaging / Services

Online Ed

- Course Exchange
- Common Course Management System
- Online Course Catalog

Education Planning

- Education Planning
- Electronic Transcripts
- Course Articulation
- Curriculum Inventory
- Application for Admission

Systemwide Student Account & Identity

High Speed Internet Connectivity

California Virtual Campus

Run

- 19,000 courses
- 1,400 programs
- 169 schools

Grow

- MyPath Integration

Transform

- CVC-OEI

Student Portal – Pathways / Recommendations / Messaging / Services

Online Ed

- Course Exchange
- Common Course Management System
- Online Course Catalog
- Distance Learning Support

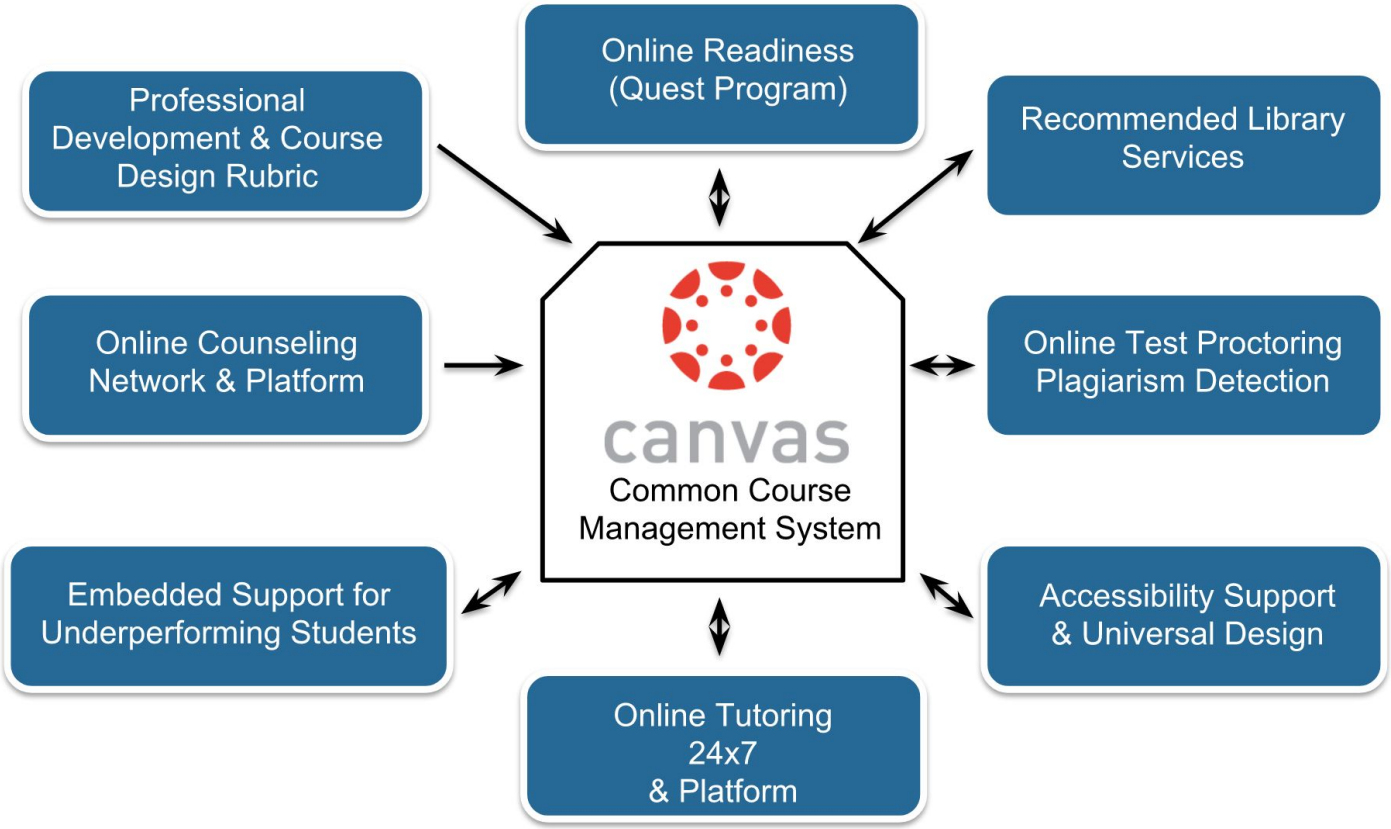
Education Planning

- Education Planning
- Electronic Transcripts
- Course Articulation
- Curriculum Inventory
- Application for Admission

Systemwide Student Account & Identity

High Speed Internet Connectivity

Distance Education Support



Student Portal – Pathways / Recommendations / Messaging / Services

Online Ed

- Course Exchange
- Common Course Management System
- Online Course Catalog
- Distance Learning Support

Education Planning

- Education Planning
- Electronic Transcripts
- Course Articulation
- Curriculum Inventory
- Application for Admission

Multiple Measures

- MMAP / Research

Systemwide Student Account & Identity

High Speed Internet Connectivity

Multiple Measures

Run

- Research

Grow

- Placement Machine Learning Service

Transform

- K-12 Data from CDE, Transcripts, CCGI

Multiple Measures Assessment Project (MMAP)

Timeline: 2014-2017

Overview | Team | Funders and Partners | Resources | News and Events

Student Portal – Pathways / Recommendations / Messaging / Services

Online Ed

- Course Exchange
- Common Course Management System
- Online Course Catalog
- Distance Learning Support

Education Planning

- Education Planning
- Electronic Transcripts
- Course Articulation
- Curriculum Inventory
- Application for Admission

Multiple Measures

- MMAP / Research
- Placement Platform

Systemwide Student Account & Identity

High Speed Internet Connectivity

Multiple Measures Placement Platform

Run

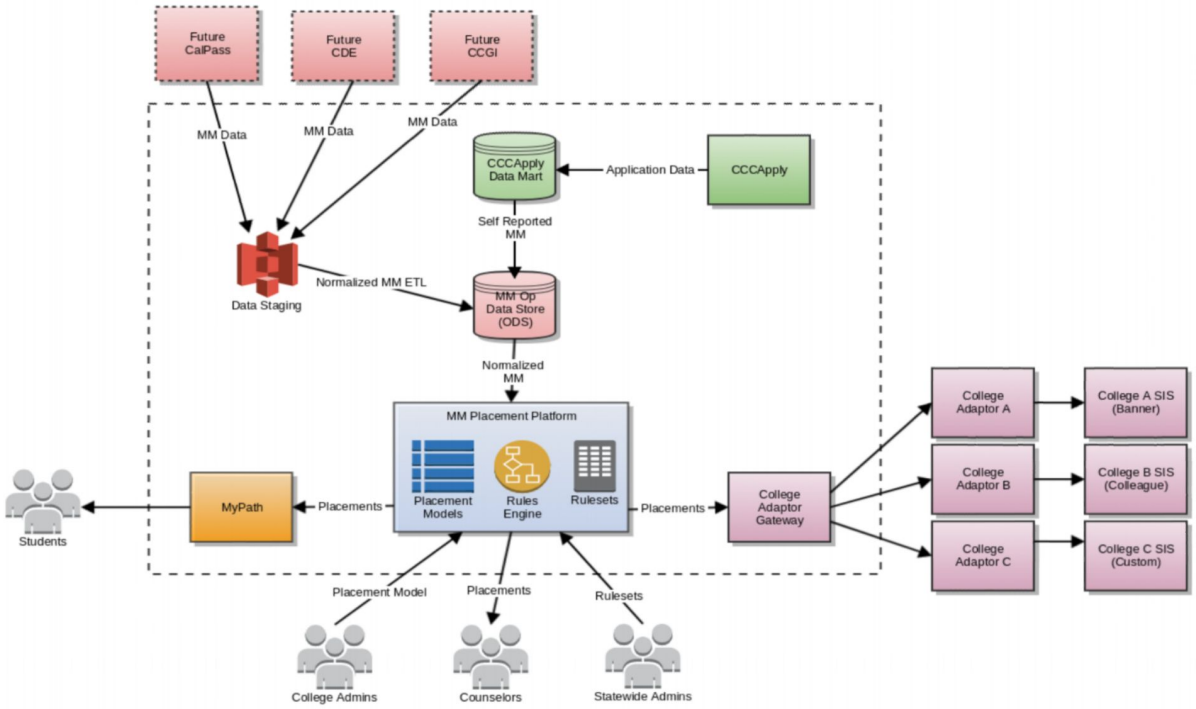
- MyPath Integration

Grow

- Integrate MMAP Web Service
- Pilot

Transform

- New models and processes



Student Portal – Pathways / Recommendations / Messaging / Services

Online Ed

- Course Exchange
- Common Course Management System
- Online Course Catalog
- Distance Learning Support

Education Planning

- Education Planning
- Electronic Transcripts
- Course Articulation
- Curriculum Inventory
- Application for Admission

Multiple Measures

- MMAP / Research
- Placement Platform

- Library Services Platform

Systemwide Student Account & Identity

High Speed Internet Connectivity

Library Services Platform

Run

- RFA

Grow

- RFP

Transform

- Pilot

College of the Sequoias - Learning Resource Center

Student Portal – Pathways / Recommendations / Messaging / Services

Online Ed

- Course Exchange
- Common Course Management System
- Online Course Catalog
- Distance Learning Support

Education Planning

- Education Planning
- Electronic Transcripts
- Course Articulation
- Curriculum Inventory
- Application for Admission

Multiple Measures

- MMAP / Research
- Placement Platform

- Library Services Platform

Data Warehouse / Business Intelligence

Systemwide Student Account & Identity

High Speed Internet Connectivity

Data Lake - Data Warehouse

Run

- CCCApply, Canvas, MyPath, etc. flows to

  -> Data Lake

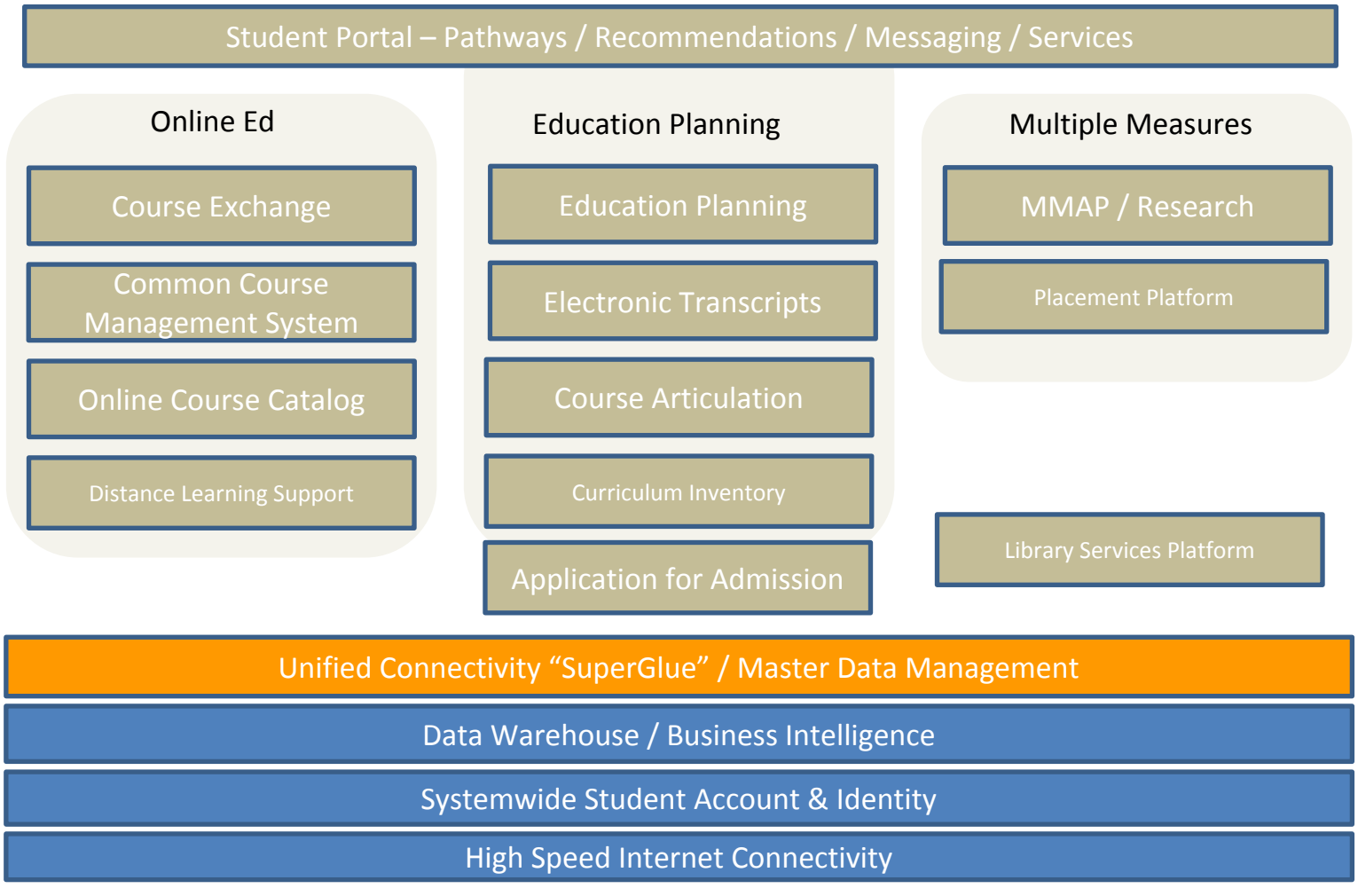
  -> Data Warehouse

Grow

- 4 Pilots

Transform

- Big Data - BI Platform


Student Portal – Pathways / Recommendations / Messaging / Services
Online Ed
Course Exchange
Common Course Management System
Online Course Catalog
Distance Learning Support
Education Planning
Education Planning
Electronic Transcripts
Course Articulation
Curriculum Inventory
Application for Admission
Multiple Measures
MMAP / Research
Placement Platform
Library Services Platform
Unified Connectivity "SuperGlue" / Master Data Management
Data Warehouse / Business Intelligence
Systemwide Student Account & Identity
High Speed Internet Connectivity

SuperGlue - Unified Connectivity +Master Data Management

Run

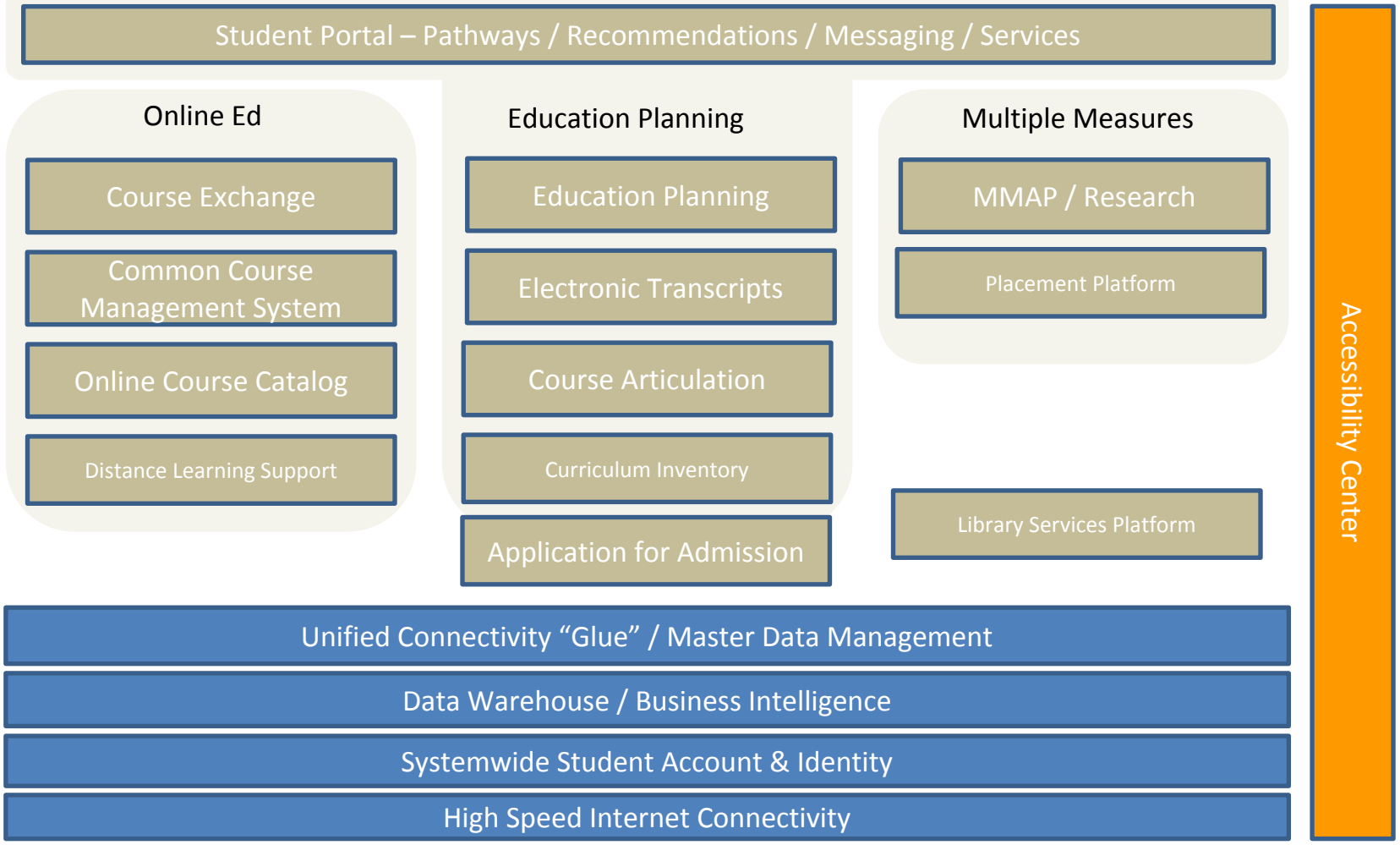
- 29 Colleges Live

Grow

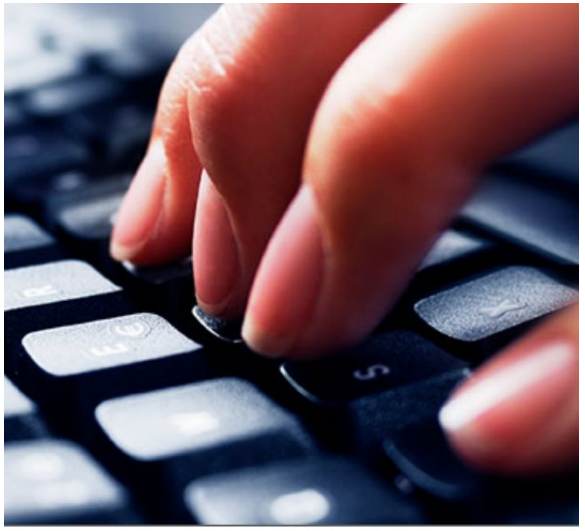
- 10 In-Process

Transform

- Master Data Management
- Configuration Improvements
- Ellucian Ethos


Student Portal – Pathways / Recommendations / Messaging / Services
Online Ed
Course Exchange
Common Course Management System
Online Course Catalog
Distance Learning Support
Education Planning
Education Planning
Electronic Transcripts
Course Articulation
Curriculum Inventory
Application for Admission
Multiple Measures
MMAP / Research
Placement Platform
Library Services Platform
Accessibility Center
Unified Connectivity "Glue" / Master Data Management
Data Warehouse / Business Intelligence
Systemwide Student Account & Identity
High Speed Internet Connectivity

CCC Accessibility Center



Run

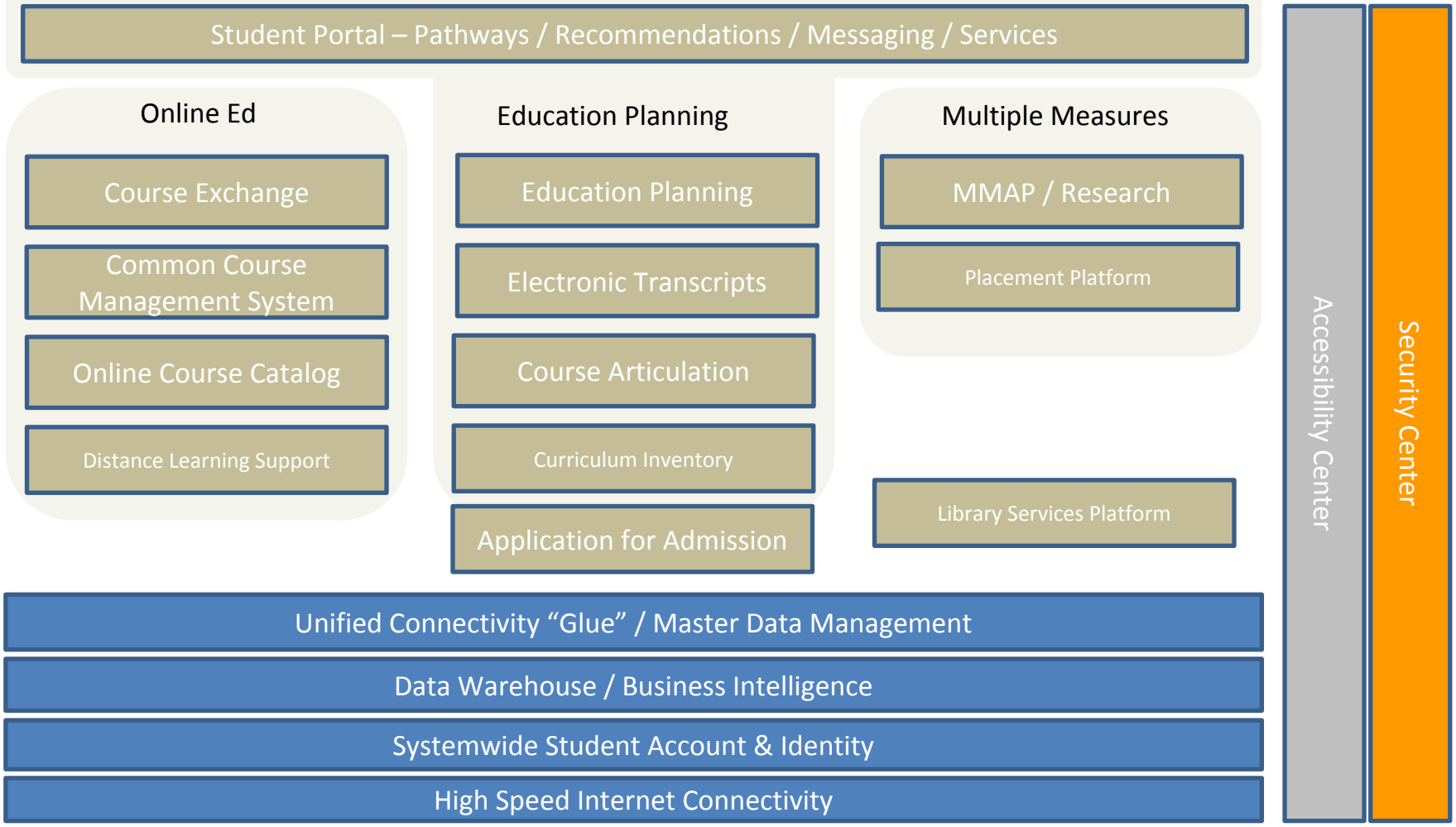
- Systemwide Accessibility Committee
- Detection and remediation tools

Grow

- Adoption of standards at colleges
- Increase usage of tools
- Library of Training Materials

Transform

- Preparing colleges for self assessments


Student Portal – Pathways / Recommendations / Messaging / Services
Online Ed
Course Exchange
Common Course Management System
Online Course Catalog
Distance Learning Support
Education Planning
Education Planning
Electronic Transcripts
Course Articulation
Curriculum Inventory
Application for Admission
Multiple Measures
MMAP / Research
Placement Platform
Library Services Platform
Accessibility Center
Security Center
Unified Connectivity "Glue" / Master Data Management
Data Warehouse / Business Intelligence
Systemwide Student Account & Identity
High Speed Internet Connectivity

CCC Security Center

Run

- Information Security Advisory Committee (ISAC)
- Detection & Remediation Tools
- Assessments at Colleges

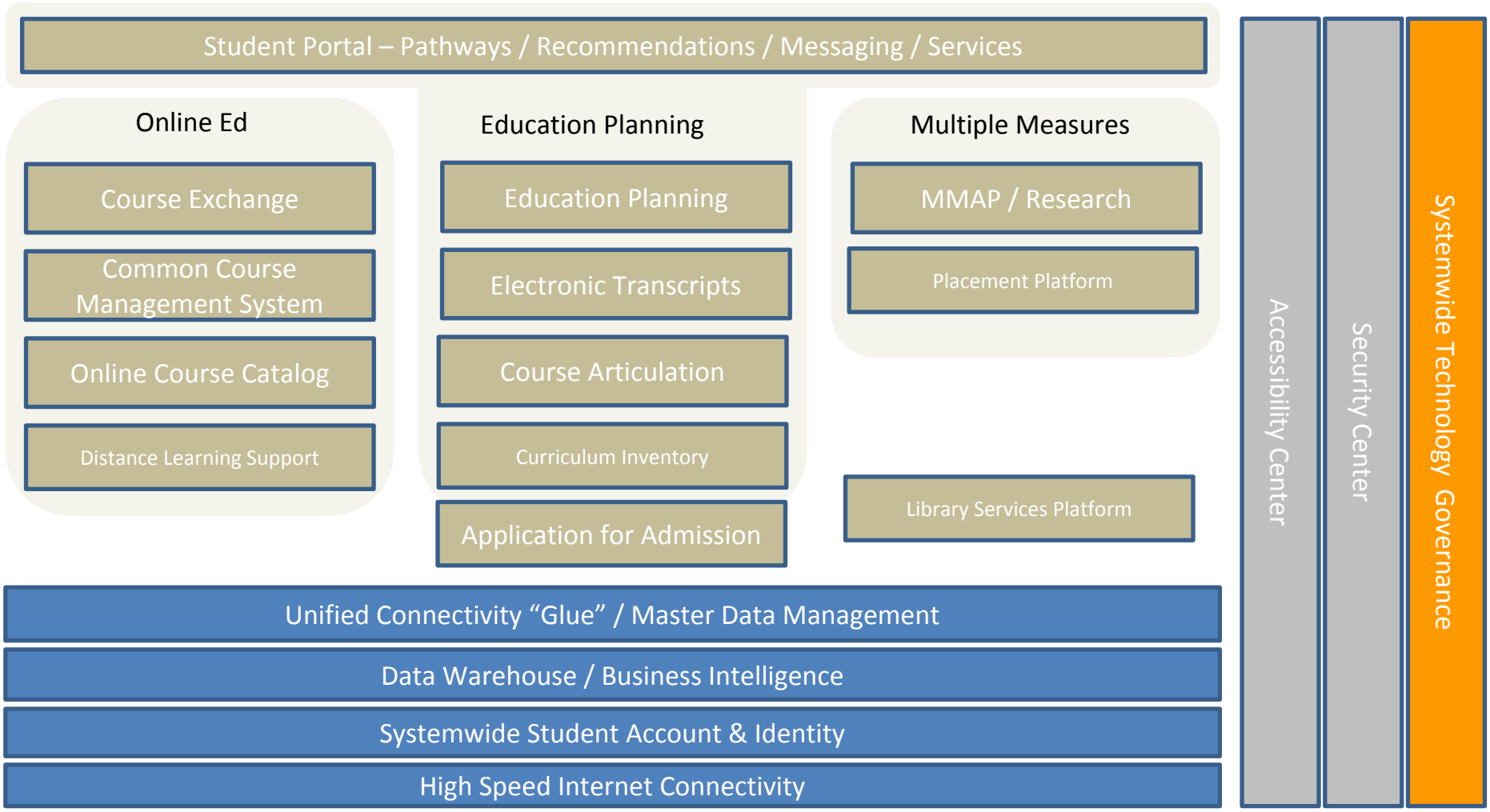
Grow

- Adoption of standards at colleges
- Increase usage of tools
- Increased Assessments

Transform

- Security Operations Center

TECHNOLOGY CENTER



Telecommunications & Technology Advisory & Systemwide Architecture Committees

Run

- Facilitate meetings and planning retreat

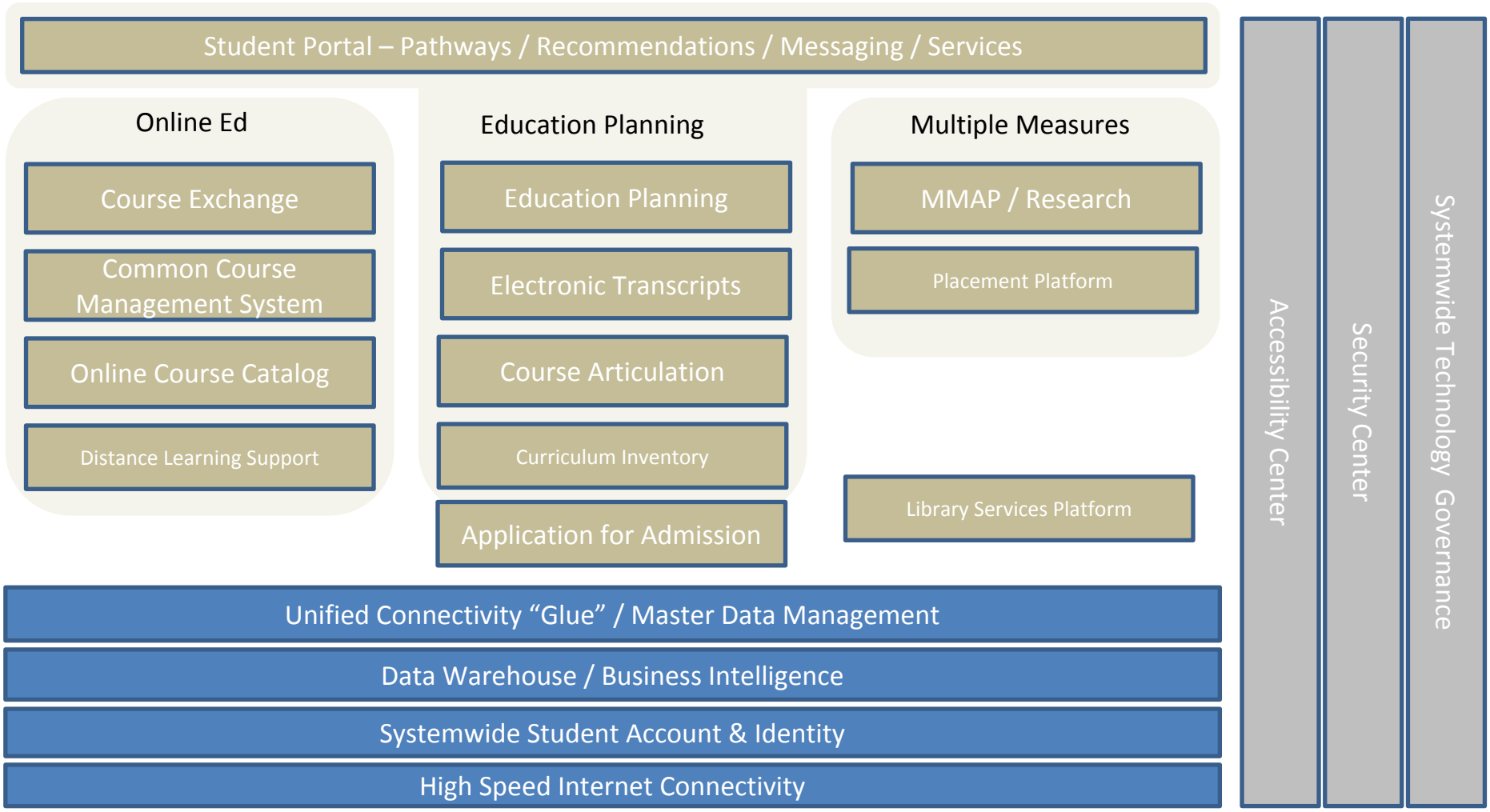
Grow

- TTAC (www.ccctechplan.org) and SAC (www.ccc-sac.org) websites migrated to meet new website branding and accessibility standards.

Transform

- Collaboration and planning technology to replace Listserv

TECHNOLOGY CENTER



Our Team

Tim Calhoon
tcalhoon@ccctechcenter.org
(530)879-4091

www.ccctechcenter.org

44