

# Education Business Systems Modernization August 2021 Update

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# Topics for Discussion

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Background

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Major Accomplishments

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Next Steps

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Questions

# Program Background: SL2016-94

- **SECTION 8.15.(a)** The State Board of Education shall collaborate with the Friday Institute for Educational Innovation at North Carolina State University (Friday Institute) to develop a plan to modernize the systems used by the Department of Public Instruction, Financial and Business Services Division, to manage and deliver funds and technical support services to local school administrative units and charter schools. This process shall include modernization of the Division's systems for student information management, financial and payroll information, human resources information, and capital and repairs and renovations planning information.
- **SECTION 8.15.(b)** By May 15, 2017, the State Board of Education shall report to the Joint Legislative Education Oversight Committee on the plan developed in accordance with this section for modernization of the systems used by the Financial and Business Services Division. The plan shall include the scope of work necessary to procure and transition the systems, an estimate of the costs of modernization of the systems, and a time line for implementation.
- **SECTION 8.15.(c)** By October 1, 2017, the Department of Public Instruction, in collaboration with the Friday Institute, local school administrative units, and charter schools, shall issue a Request for Proposal to outside vendors and entities for implementation of the plan.

# Defining “Modern”



People-First



Cloud-Based



Security and Privacy  
as a Mindset



Buy Services, Not  
Tools



Robust, Extensible  
Services



Improve Processes



The data you need,  
when and how you  
need it



Transparency

# Program Accomplishments

AS400 Migration

Student Information System

Safer Schools

Grants Management System

Statewide Job Board

Applicant Tracking System

ERP Modernization

# AS/400 Migration

- AS/400 systems are old and complex, requiring specialized maintenance.
- As of May 2020, all AS/400 systems and applications are now hosted and maintained by SAS in their datacenter.
- Cost to NCDPI: \$1.4m/year
  - Offsets LEA costs for hardware as well as security monitoring, incident response, and backups.

# Student Information System

- Extensive documentation of use cases for student information system for the RFP released last year
- Data collection from over 20,000 employees from across the state to inform the RFP
- RFP was issued, but cancelled due to funding constraints
- Documentation has helped drive process modernization efforts

# Safer Schools

- Anonymous Tip Line
  - Supported the implementation of the Say Something Anonymous Reporting System
  - 5,528 tips received since program deployment (11/4/2019 – 4/30/2021)
- Deployed grants in the grants system within 6 weeks.

# Grants Management System

- Goals
  - Migration of all agency grants to a single grant system
  - Elimination of custom, in-house developed applications
- Vendor: HMB E-Grants
  - E-Grants is specifically designed for state education agencies, managing grants for NC and 14 other SEAs.
  - Originally used by Federal Programs, dubbed CCIP (Comprehensive Continuous Improvement Planning system)
- Expanded to manage over 50 grants and budgets across 7 divisions

# Statewide Job Board

- Partnership between NCDPI, Best NC, and industry partners to create Teach NC ([www.teachnc.org](http://www.teachnc.org))
- Procurement of a statewide job board ([teachnc.schoolspring.com](http://teachnc.schoolspring.com)) to aggregate job postings from applicant tracking systems across all PSUs

# Applicant Tracking

- RFP released in 2019 for a convenience contract for PSU job boards and for applicant tracking
- Awarded to Teacher Match (now Power School) - Intelliglance platform
- Made available to all PSUs on an opt-in basis, free of charge
- 283 PSUs are using this service

# ERP Modernization

# ERP Modernization Goals

- Update outdated financial systems
- Move financial systems to systems that meet “modern” tenants
- RFP – 2018 awarded to Tyler Technologies for Munis and Cherry Road Technologies as an integrator for Oracle Cloud ERP
- Budget issues have slowed implementation, but it continues to move along
- A “Golden Template” will simplify future implementations
- Use of these contracts is opt-in
- DPI provides logistical support, project management, and support for statewide integrations

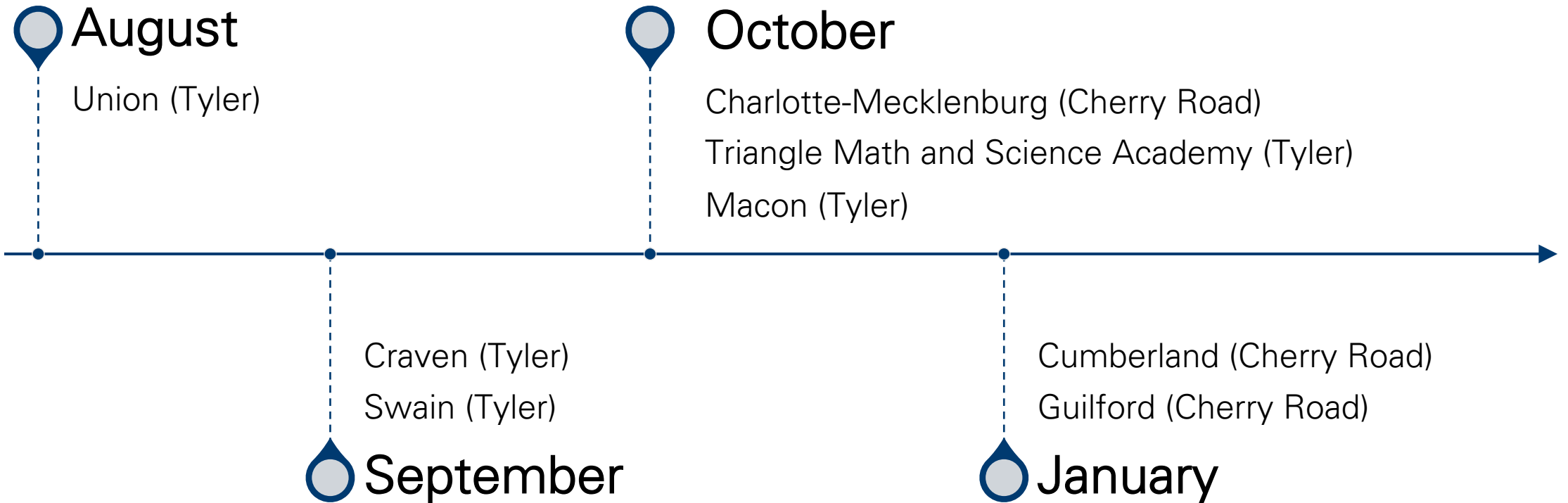
# FIRST GO-LIVES JULY 1!

Gaston County  
(Cherry Road)

New Hanover County  
(Tyler Technologies)



# Pilots In-Flight



# Next Steps



## AS/400 Migration

Migration and phase-out



## Applicant Tracking System

Migration from the retiring Intelligance platform to Power School's new Applicant Tracking system



## Grants Management System

Streamline contract to allow for better scalability

# Next Steps: ERP

- Friday Institute to conduct focus group evaluations with pilot districts.
- Work with LEAs to determine modernization paths for each LEA
- Determine a funding structure based on the state budget
- Work with LEAs and Vendors to schedule implementations
- Phase out outdated HR systems

# Active/Future Projects

- Licensure RFP – in the field!
- Several new RFPs for aging systems internally
- Agency systems modernization
- Process modernization

# Questions?