



SBE Meeting –October 2014

**North Carolina Department of Public Instruction
Information Technology Plan
For the 2015-17 Biennium**



Submitted by:
Michael Nicolaidis, Chief Information Officer
NC Department of Public Instruction
October 2014

 PUBLIC SCHOOLS OF NORTH CAROLINA (State Board of Education) | Department of Public Instruction

NORTH CAROLINA DEPARTMENT OF PUBLIC INSTRUCTION

INFORMATION TECHNOLOGY PLAN FOR THE 2015-17 BIENNIUM



State Board of Education Strategic Plan

Visions Every public school system achieves success for every student and every teacher and every citizen.

Mission The State Board of Education is committed to the leadership of the public school system.

Strategic Goal	Strategic Objective
1. Increase the number of students who are college and career ready.	1. Increase the number of students who are college and career ready.
2. Increase the number of students who are economically self-sufficient.	2. Increase the number of students who are economically self-sufficient.
3. Increase the number of students who are civically engaged.	3. Increase the number of students who are civically engaged.
4. Increase the number of students who are healthy and active.	4. Increase the number of students who are healthy and active.
5. Increase the number of students who are financially literate.	5. Increase the number of students who are financially literate.
6. Increase the number of students who are environmentally responsible.	6. Increase the number of students who are environmentally responsible.
7. Increase the number of students who are technologically literate.	7. Increase the number of students who are technologically literate.
8. Increase the number of students who are globally minded.	8. Increase the number of students who are globally minded.
9. Increase the number of students who are civically engaged.	9. Increase the number of students who are civically engaged.
10. Increase the number of students who are economically self-sufficient.	10. Increase the number of students who are economically self-sufficient.
11. Increase the number of students who are civically engaged.	11. Increase the number of students who are civically engaged.
12. Increase the number of students who are economically self-sufficient.	12. Increase the number of students who are economically self-sufficient.
13. Increase the number of students who are civically engaged.	13. Increase the number of students who are civically engaged.
14. Increase the number of students who are economically self-sufficient.	14. Increase the number of students who are economically self-sufficient.
15. Increase the number of students who are civically engaged.	15. Increase the number of students who are civically engaged.
16. Increase the number of students who are economically self-sufficient.	16. Increase the number of students who are economically self-sufficient.
17. Increase the number of students who are civically engaged.	17. Increase the number of students who are civically engaged.
18. Increase the number of students who are economically self-sufficient.	18. Increase the number of students who are economically self-sufficient.
19. Increase the number of students who are civically engaged.	19. Increase the number of students who are civically engaged.
20. Increase the number of students who are economically self-sufficient.	20. Increase the number of students who are economically self-sufficient.



Information Technology Plan

Reporting Period: 2015-17 Biennium

Item	Priority Goal	Priority Activities	Priority
1.1	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.2	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.3	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.4	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.5	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.6	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.7	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.8	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.9	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.10	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.11	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.12	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.13	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.14	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.15	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.16	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.17	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.18	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.19	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High
1.20	Ensure that all students are prepared for college and career.	Ensure that all students are prepared for college and career.	High



North Carolina Department of Public Instruction

Information Technology Plan

For the 2015-17 Biennium

Submitted by:
 Information Technology Officer
 Department of Public Instruction
 October 2014

INFORMATION TECHNOLOGY PLAN FOR THE 2015-17 BIENNIUM



- **Complete Home Base**
- **Move from Project to Operations mode and increase efficiency for long term sustainability**
- **Modernize Legacy systems – primarily financial and personnel related systems**
- **Consider opportunities for NCDPI to help LEAs and schools accrue maximum benefits from Home Base and other IT investments**

**Themes
Four**

First Theme - Complete Home Base Applications



- **Largest Theme, Most focused, Immediate**
- **Must Complete due to Grant Funding Expiration**
- **20 major projects, applications or work efforts**
- **Impacts the success and future growth of Home Base**
- **The plan highlights the implementation status and key future work needs for each application or activity**

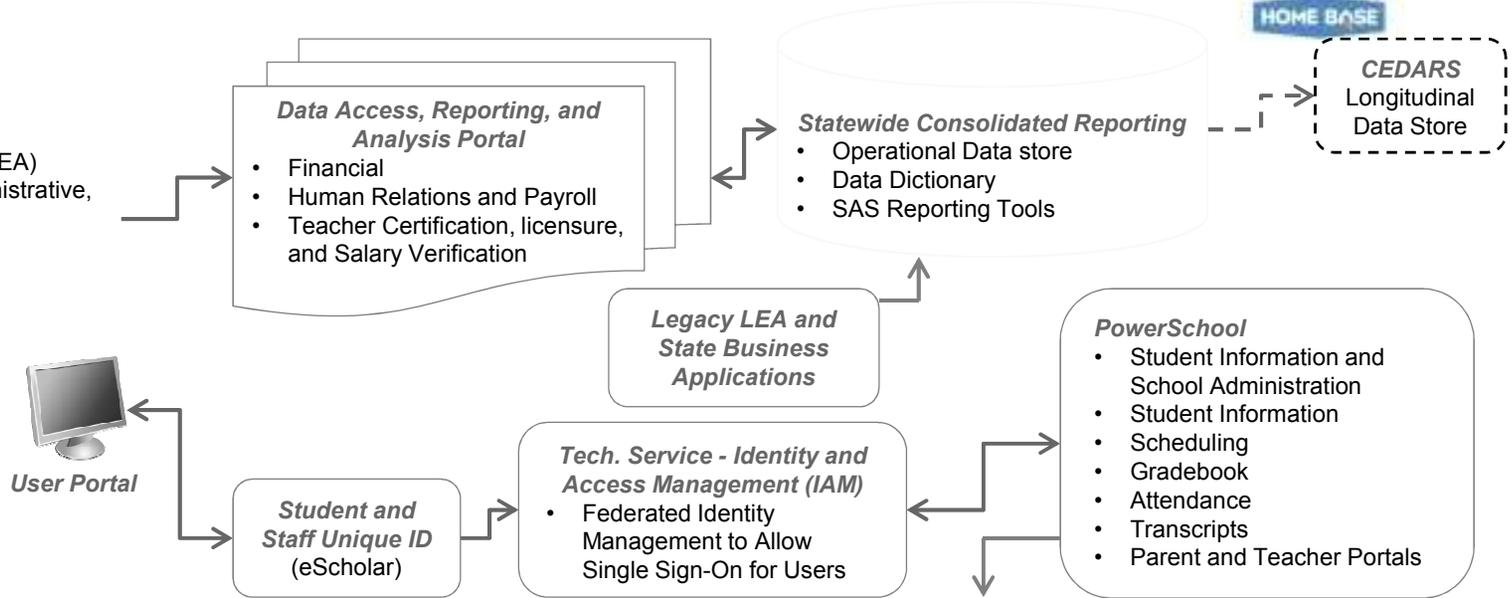
Major PUBLIC SCHOOL APPLICATIONS AND TECHNICAL SERVICES



- Local Education Agency (LEA)
- School Instructional, Administrative, and Research Personnel
- State Staff
- Other Authorized Users



- Students
- Parents
- Teachers
- Administrators
- State Admin
- Content Specialists



Instructional Improvement System (IIS) – Classroom-Based, Student-Focused and Teacher-Driven

- End-of-Course, End-of-Grade and End-of-Year
- Feeding Summative Results into Home Base

NCTest
Secure Summative Assessment

OpenClass
Learning Management System

- Collaboration (Student/Teacher/Parent)
- Course Management

Merged Functions

Schoolnet
Instructional Tools and Assessment

- Instructional Tools
- Classroom and Benchmark Assessments
- Reporting

- Observation and Evaluation of Teachers
- Courses and Materials for Teacher Development
- Portfolio of Student Delivered Products

Educator Effectiveness System

- Educator Evaluation
- Professional Development
- Analysis of Student Work
- Student Survey

Learning Objects Repository

- Repository of Digital Learning Resources

Second Theme - Move from Project to Operations mode and increase efficiency for long term sustainability



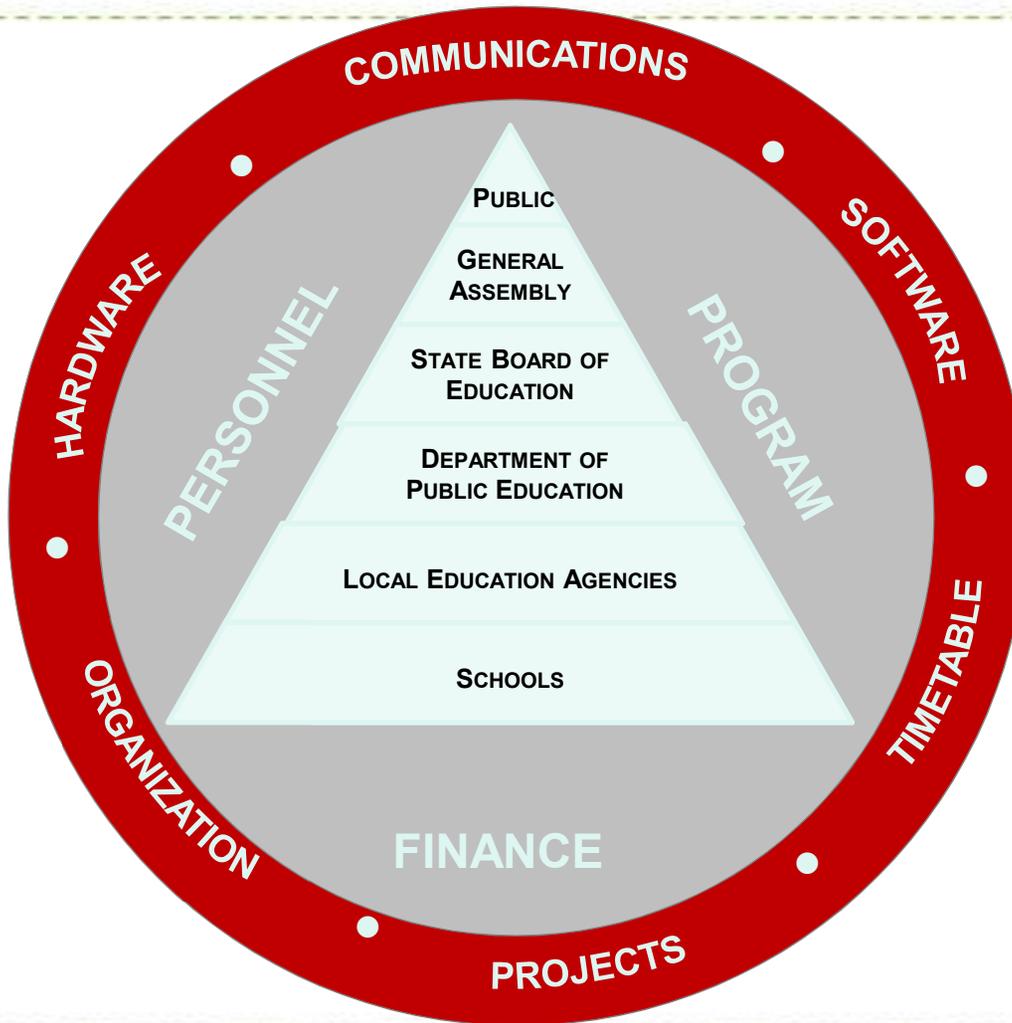
NCDPI IT Performing in an Efficient and Effective Manner

***Third Theme* - Modernize Legacy systems – primarily financial and personnel related systems**



- **Address and Modernize Legacy LEA and NCDPI Systems**
- **Systems have been operational for years and improvement efforts were isolated**
- **Comprehensive and broad-based approach**
- **Mitigate Risks**

Third Theme - Modernize Legacy systems – primarily financial and personnel related systems

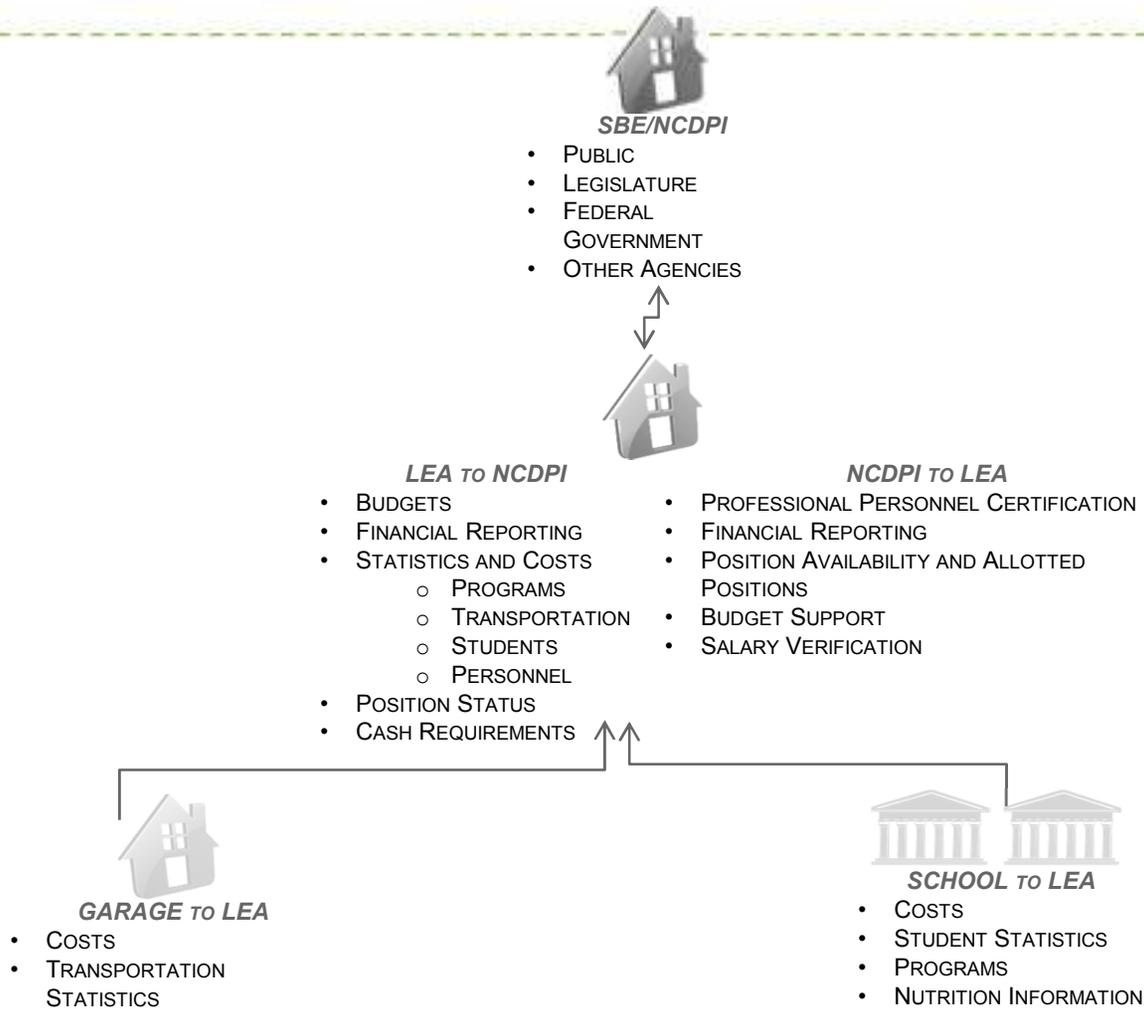


NC-DPE

(Department of Public Education)

IT Strategic Plan
(1984)

Third Theme - Modernize Legacy systems – primarily financial and personnel related systems



Fourth Theme - Consider opportunities for NCDPI to help LEAs and schools accrue maximum benefits from Home Base and other IT investments

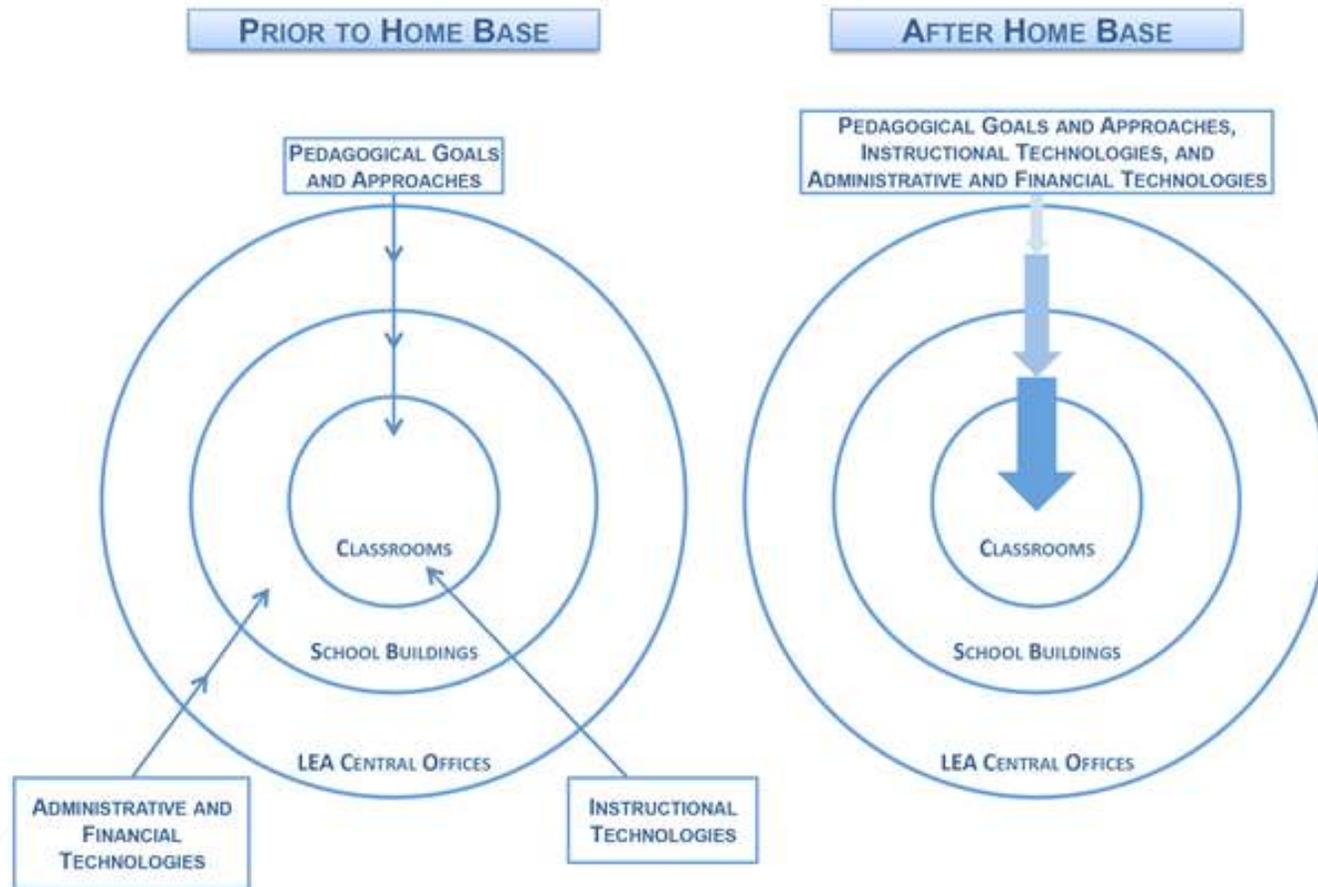


- **Home Base is a Powerful Change Agent**

“Disruptive Force of Technology”

- **Great Opportunity for the State Public Schools, Administrators, Educators, Students and Parents**
- **Help LEAs and Charter Schools Get Maximum Benefit**

Fourth Theme - Consider opportunities for NCDPI to help LEAs and schools accrue maximum benefits from Home Base and other IT investments



Questions?

