

- ■ ■ **DRC INSIGHT**
- ■ ■ **What will NeSA Online Testing Look Like Using the New Online System Provided by Data Recognition Corporation?**

July 31, 2013

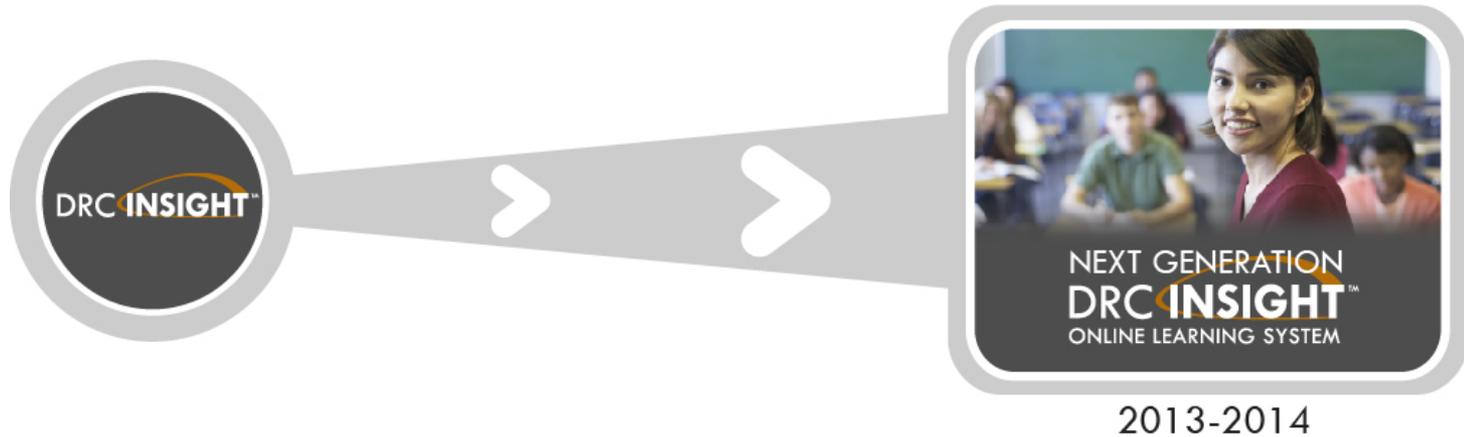


DATA RECOGNITION  
**DRC**  
CORPORATION

# Agenda

- DRC INSIGHT Unveiled!
- DRC INSIGHT Release Schedule for Nebraska
- eDIRECT and DRC INSIGHT
- Check4Learning Highlights and Features
- Moving Forward: Learning more about DRC INSIGHT for 2013-2014

# DRC INSIGHT Online Learning System



*Providing flexible technology options for online assessments and delivering secure, state-of-the-art testing experiences*

# DRC INSIGHT Online Learning System



# DRC INSIGHT Online Learning System



# Secure, Web-based Browser

- Browser-based system
  - Secure browser (locks down computer) for high-stakes testing
  - Encryption and HTTPS are used to secure and protect content
  - Fewer and easier system software updates
    - Test engine updates will no longer require new system software releases
  - Compatible with multiple operating systems

# DRC INSIGHT Online Learning System



# Enhanced Student Experience

- A user-friendly interface that is intuitive to Nebraska students
- New and enhanced features to support the students' experience with next generation assessments
  - Student Tutorial Videos
  - Online Tools Training
  - Practice Tests and Guided Practice Tests
- Additional writing tools
  - Editing icons and keyboard shortcuts
  - Dictionary and thesaurus
- Text-To-Speech

# DRC INSIGHT Online Learning System



# iPad Proof-of-Concept Usability Study

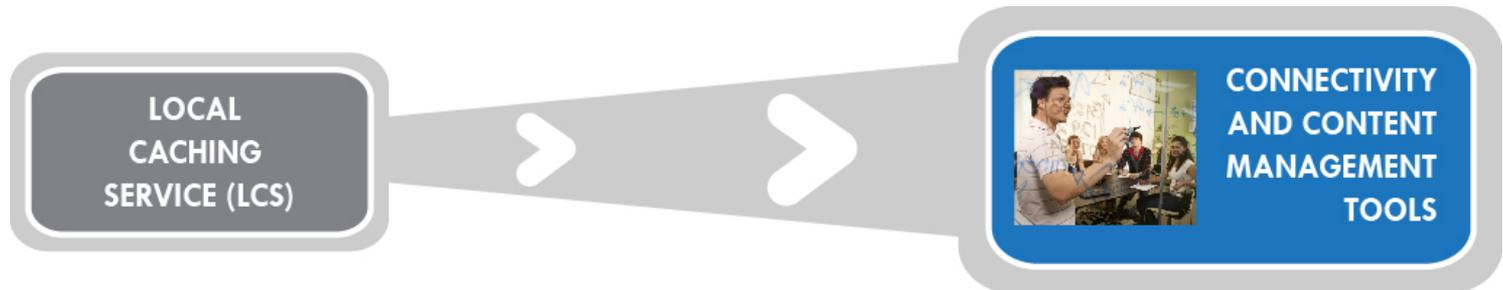
- A responsible approach
- Understand how students respond to taking an assessment on an iPad
- Understand the “ease of use” from students’ perspectives on specific tools, ease of answering item types and overall experience
- The usability study will take place in the fall and winter of 2013
- iPads not supported for 2013-2014 testing, but stay tuned!

# DRC INSIGHT Online Learning System



# Connectivity and Content Management Tools

- A suite of enhanced tools for monitoring connectivity and managing content, ensuring a uniform student experience
  - Proctoring tools
    - Continue to be developed and added for test security, issue monitoring, setup and installation, and troubleshooting
    - Provide a dashboard view into the testing environment and infrastructure



# DRC INSIGHT Online Learning System

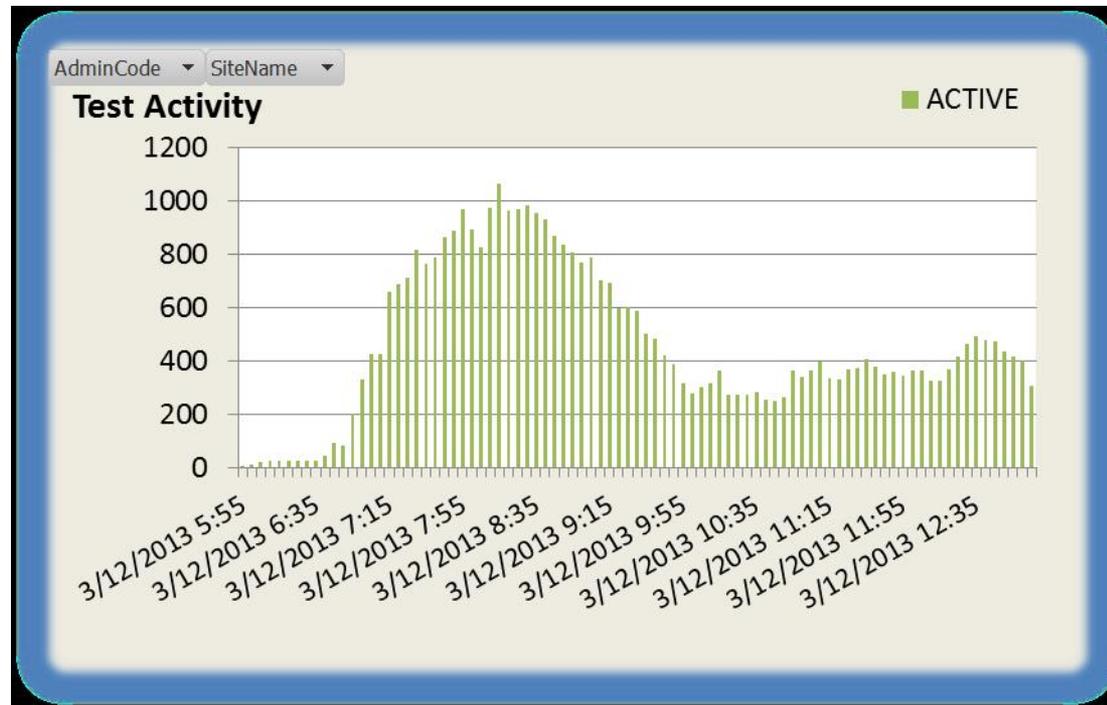


# System Performance Monitoring Dashboard

- Monitoring software provides real-time data and view of testing activity throughout the state
- Enables DRC to proactively reach out to sites experiencing technical or connectivity issues to resolve them quickly
- As online testing participation and complexity increases, actionable monitoring information becomes more critical

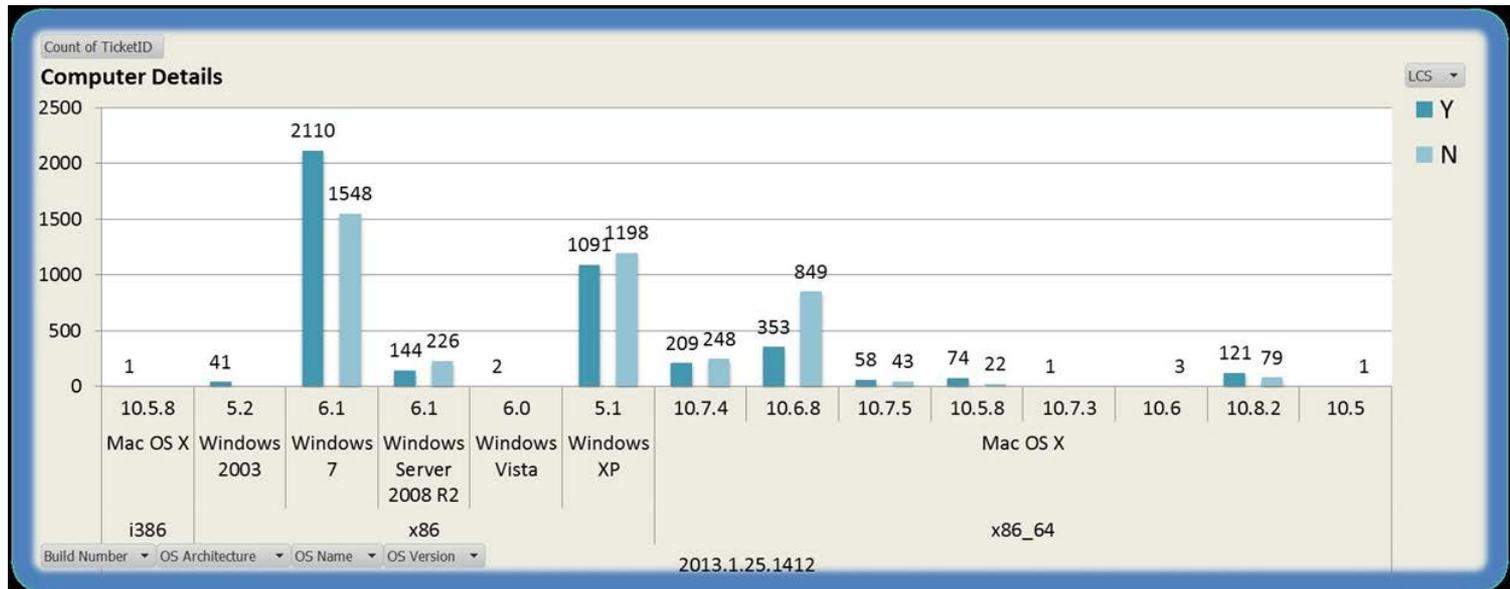
# System Performance Monitoring Dashboard

- Types of activities monitored:
  - ✓ Statewide test activity
  - ✓ Top 10 schools currently testing
  - ✓ Test login activity
  - ✓ Statewide testing irregularities



# System Performance Monitoring Dashboard

- Types of activities monitored:
  - ✓ Top 10 schools with testing irregularities
  - ✓ Top 5 irregularities detected
  - ✓ Top 5 sites experiencing testing irregularities
  - ✓ Information on the computers that are being used for testing



# DRC INSIGHT: NeSA Timeline

DATE	ACTIVITY
October 22-24, 2013	INSIGHT Technology Coordinator Training – WebEx Sessions
October 28-31, 2013	INSIGHT & Check4Learning Roadshows – Across Nebraska
November 4, 2013	INSIGHT Web-based Test Engine Software Release Supports Practice Tests and NeSA-Writing
November 13-December 20, 2013	eDIRECT Test Setup Available to Districts for NeSA-Writing Field Test
November 13-December 20, 2013	NeSA-Writing Field Test Window
January 6-8, 2014	Conduct NeSA-Writing Test Administration Training – WebEx Sessions
January 8-February 7, 2014	eDIRECT Test Setup Available to Districts for NeSA-Writing
January 20-February 7, 2014	NeSA-Writing Testing Window
February 17, 2014	Release Update to DRC INSIGHT Web-based Test Engine Software (if necessary) Supports NeSA-RMS Tests, Check4Learning Tests, and Practice Tests
February 25-27, 2014	NeSA-Reading, Mathematics, and Science Test Administration Training – WebEx Sessions
March 3-May 2, 2014	eDIRECT Test Setup for NeSA-Reading, Mathematics, and Science Available to Districts
March 24-May 2, 2014	NeSA-Reading, Mathematics, and Science Testing Window

# eDIRECT and DRC INSIGHT

- Enabling Staff to Support Online Testing
- Managing Student Data
- Identifying and Activating Accommodations
- Monitoring and Managing Testing

# Check4Learning Highlights & Features

- New Application Accessed via eDIRECT
- Focus on User Interface and Navigation
- Improved Item and Passage Search Capabilities and Results Display
- Item and Test Popup Previews
- Drag and Drop Items to Change Sequence on a Test
- Randomize Item/Passage Sequence on a Test
- Ability to Share Tests with Single or Multiple Users

# DRC INSIGHT: Check4Learning Timeline

DATE	ACTIVITY
October 22-24, 2013	INSIGHT Technology Coordinator Training – WebEx Sessions
October 28-31, 2013	INSIGHT & Check4Learning Roadshows – Across Nebraska
November 4, 2013	INSIGHT JAVA-based Test Engine Software Release Supports Check4Learning Tests
November 4, 2013	Check4Learning Application Available to All Participating Districts
November 4, 2013-February 14, 2014	Students take Check4Learning Tests in the INSIGHT JAVA-based Test Engine
November 4-5, 2013	Check4Learning Training – WebEx Sessions
February 17, 2014	Release Update to DRC INSIGHT Web-based Test Engine Software (if necessary) Supports NeSA-RMS Tests, Check4Learning Tests, and Practice Tests
February 17-June 30, 2014	Students take Check4Learning Tests in the INSIGHT web-based Test Engine

# Moving Forward Together

- DRC values our partnership with NDE and the relationships we've established with districts and schools across the state
- We are committed to making this transition easy and seamless for students, teachers, technology coordinators, and other key stakeholders
- Make the most of opportunities to prepare for online testing
  - DRC INSIGHT & Check4Learning Roadshows
  - Technology Coordinator Training
  - Test Administration Training
- We are confident that the Next Generation DRC INSIGHT system will offer better tools for teachers and a better experience for students