Security Without Sacrifice
A Strategy Beyond Simplification of Usernames and Passwords
## Encore Technology Group

- Founded in 1989 (28 Year History) / 100+ Employees
- Focus on Education

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- IMS Global Partner
- COSN Silver Member
- K-12 Service Provider Pledge to Safeguard Student Privacy
Customer Highlights

- Miami-Dade County Public Schools (FL) – 13 Years
  - Enhanced Auth and SSO and currently reviewing Full enboard Suite
  - ~900,000 Users (Staff, Students, Administration, Parents, Guardians, etc.)

- Boulder Valley Schools (CO) – 10 Years
  - Full enboard Suite – Hosted Model
  - 55,000 Users

- Wake County Schools (NC) – 10 Years
  - Provisioning 175,000 Users

- Guilford County Schools (NC) – 10 Years
  - Full enboard Suite (ILM, SSO, EA and IVS)
  - 85,000 Users

- Denton Independent School District (TX) – 10 Years
  - Full enboard Suite (ILM, SSO, EA and IVS)
  - 35,000 Users

- Atlanta Public Schools (GA) – 8 Years
  - Provisioning and Federated Security (ILM and EA)
  - 65,000 Users
TX Customer Highlights

- Denton Independent School District
- Northside Independent School District
- Fort Worth Independent School District
- Lewisville Independent School District
- Deer Park Independent School District
- Round Rock Independent School District
- San Antonio Independent School District
- Mesquite Independent School District
- Tyler Independent School District
- Clear Creek Independent School District
- Allen Independent School District
- Lumberton Independent School District
- And more…
• When I say Security, what does that mean to you?
• What are you securing?
• Do you feel like you are secure?
• Protect Student and Employee Data
• Enable Simple but Secure Access to All Required Resources
• Gain insights into utilization of Resources
• Enable Users to Self-Govern / Self-Service
• Hold Third Party Provider Accountable
One Place to access all Web Apps, Digital Textbooks, Email, SIS, HR, etc.
The Enboard Integrated Suite

- Automated Provisioning
- Single Sign-On
- Enhanced Authentication (EA)
- Identity Verification System (IVS)
Account Provisioning (Identity Access Management)
- Active Directory User, Group (Security and Distribution) Provisioning and OU Placement
- Home Folder Provisioning and Management
- O365 Provisioning (Create User, Mailbox, Assign Licensing) / Google Apps Provisioning

Third Party Provider Rostering / Digital Textbook Rostering
- Web Applications, Digital Textbooks (Ex. Pearson, HGH, MH) with Full Data Visualization, Auditing and Logging.

Single Sign On and Federation (Full Identity Provider - completely extensible)
- HTML 5 Compatible SSO Portal (Captive Portal as well)
- Federation (IDP/SPI and ADFS Integration): SAML 1.0/2.0, WS-Fed, CAS 3.x/4.x, OAuth,
- Authentication: AD, LDAP, Windows, NTLM, Kerberos, Certificates, HTML Forms/HTML Post, MS-OFBA
- Multi-Factor Authentication (SMS and Security Questions)
- Native Security Integration with Chromebooks and Active Directory-integrated PCs
- Reverse Proxy for Internal Web Applications
- API’s for Authentication, Federation and SSO

Password Reset and User Self Service
- End User Password Reset (Multi-factor)
- Secure Student Password Reset for Teachers (Teachers reset Student PW)
Fully Brandable (Global and Site)

Location Aware

Cloud Applications

Local Applications

Multi-Factor Authentication
* Online Password Reset (and from PC Login)
* Automates Onboarding of Users and Resources
* Self-Service Model
Integrated Windows Logon Password Reset Example

Completely Customizable
Google Chromebook and Wireless Captive Portal Integrated Logon
With Integrated Password Reset and Analytics

Completely Customizable

Portal Login

Username

Password

Forgot Password?

Login
Additional Enboard Toolsets:

- **ADvance** – ADUC Plugin that enabled O365/Exchange and Google App Management from Active Directory
- **Group Editor** – Web Service and Outlook Plugin that enables O365 Users to manage locally created Distribution Lists without Azure Premium Bi-Direction Synchronization
Beyond Managing Identities

Enabling Security For Cloud Resources

• **Policy Management**
  • Wireless Policies, Content Filtering, NAC, Resource Permissions (Vendor Integrations)

• **Central Logging and Auditing**
  • Logs Portal Access and Resource Access Details (User, Device, Location, Resources, etc) to a Standard-based Database for easy integration to Learning Analytics or SIEM

• **Cloud Communication / Resources**
  • Email
  • Web Applications
  • Collaboration

• **Network and Device Security**
  • Gateways, Endpoint Security, MDM