RIPTIDE

An Employee Owned Company

Fast Facts

Established in 1995
grown to 122+ Employees

Headquartered in Oviedo, Florida
C- Level Relationships :
Raytheon, General Dynamics,
Northup Grumman, Booz Allen

2015 Brandon Hall
Excellence in LMS Technology

CMMI LEVEL 4
Formal Accreditation since 2005
One of only 9 US Companies
Appraised at L4

Over 220 System
Deployments
Worldwide

Fortune 50/500
Professionals use our E Learning
platform for training.

" One of the few
US Companies
Appraised at
level 4 CMMI "

ELEMENTS Model

AUDIENCE

Learners access courses created and managed by content creators and admin through any device.

ELEMENTS FEATURES

« **Authentication / Authorization**

« **Curriculum Management**

« **Reporting & Analytics**

« **Authoring & Configuration**

« **Course Hosting & Delivery**

« **Learning Record Store**

xAPI POWERED

xAPI allows for detailed data collection of all your user data accessible anywhere.

TRYxAPI – Open Source

https://github.com/tryxapi

- TRYxAPI.com
  - Case Studies
  - Statement Validator
- xAPI Kit for Courseware
  - https://github.com/TryxAPI/xapi-courseware-instrumentation
- Easy to use xAPI client
  - https://github.com/TryxAPI/xapi-client

- Part of Workgroup that created xAPI 1.0
- xAPI Camps
- Data Interoperability Standards Consortium (DISC)
  - Advisory Board

REAPER Features

- Live Training Range reporting results via xAPI/LRS
  - Experience Application Programming Interface (xAPI)
  - Learning Record Store (LRS)
- Corrective Interactive Multimedia Instruction (IMI) delivered to Shooter
  - xAPI reporting of corrective IMI
- BRM10 data automated to DTMS
  - Digital Training Management System
  - Basic Rifle Marksmanship (BRM)
- Range data made available to Training Community
  - IMI training data made available

REAPER - Proof of Principle
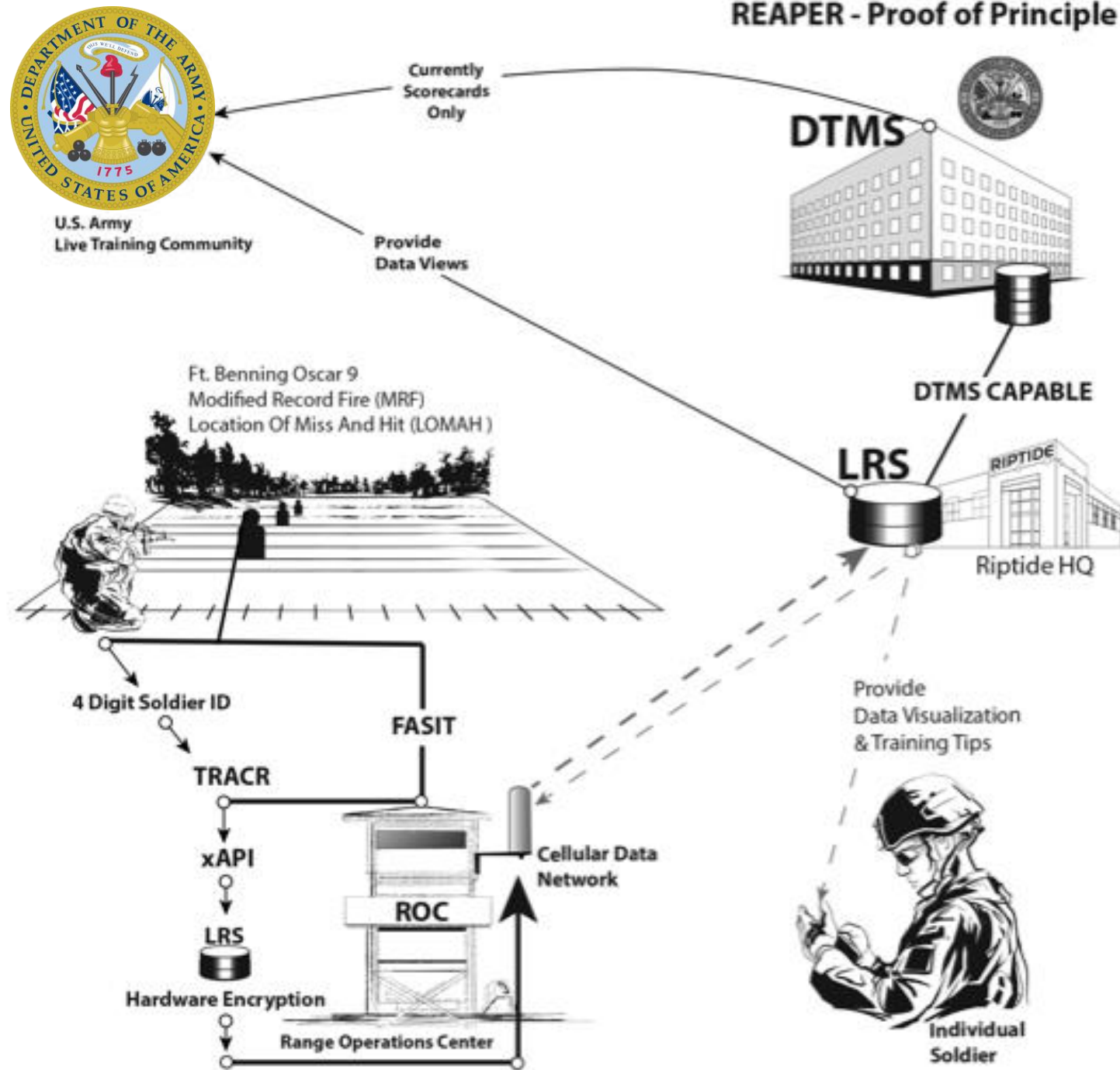
Application Program Interface (API)
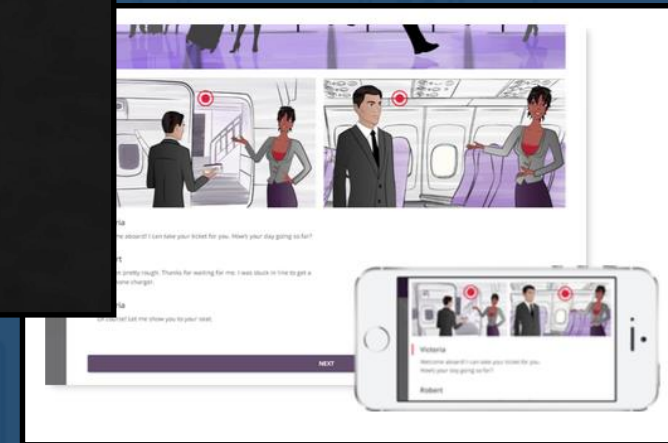
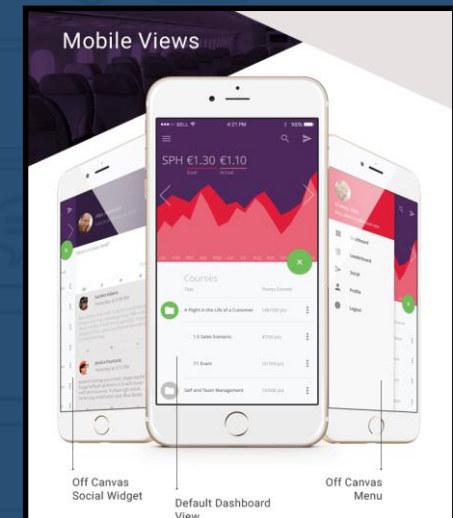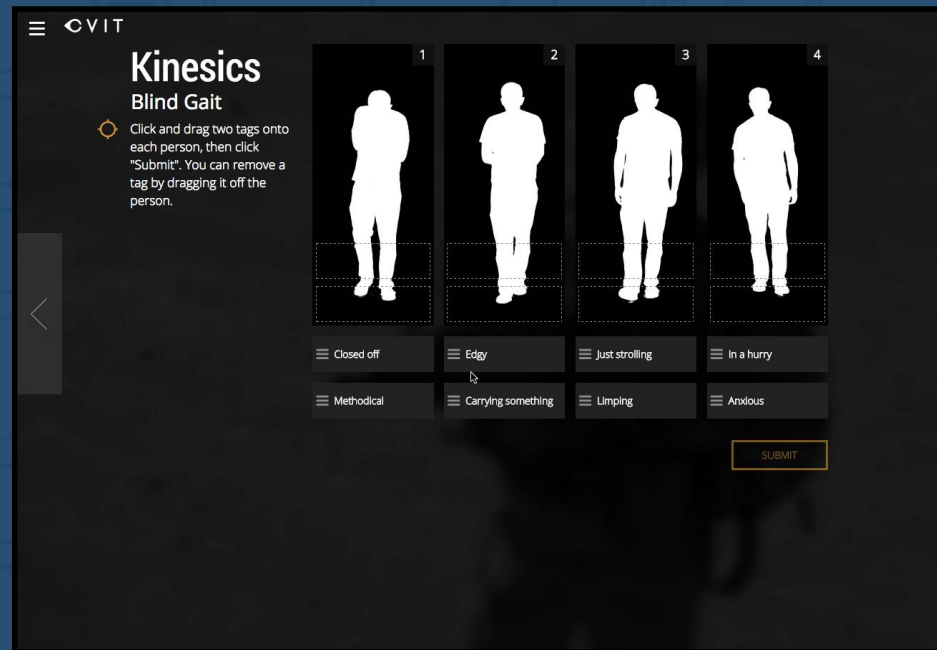## An API can be a powerful thing

- Programmers can easily and securely interface and connect products and services
- Every software today is expected to have API

Device Agnostic E-learning

HTML5 - pushing the web browser

- Every Device has a Browser
- Technology in a steep curve
- HTML5 works with browser and native web view apps

Device Agnostic E-learning

3 Equally weighted issues

1. View: The ability for device/browser to display, render, and play highly interactive learning content.
2. Delivery: The proper hosting and delivery mechanism of the learning content
3. Reporting: Accurate, error free experience/interaction data and usage of the learning to verify competency.
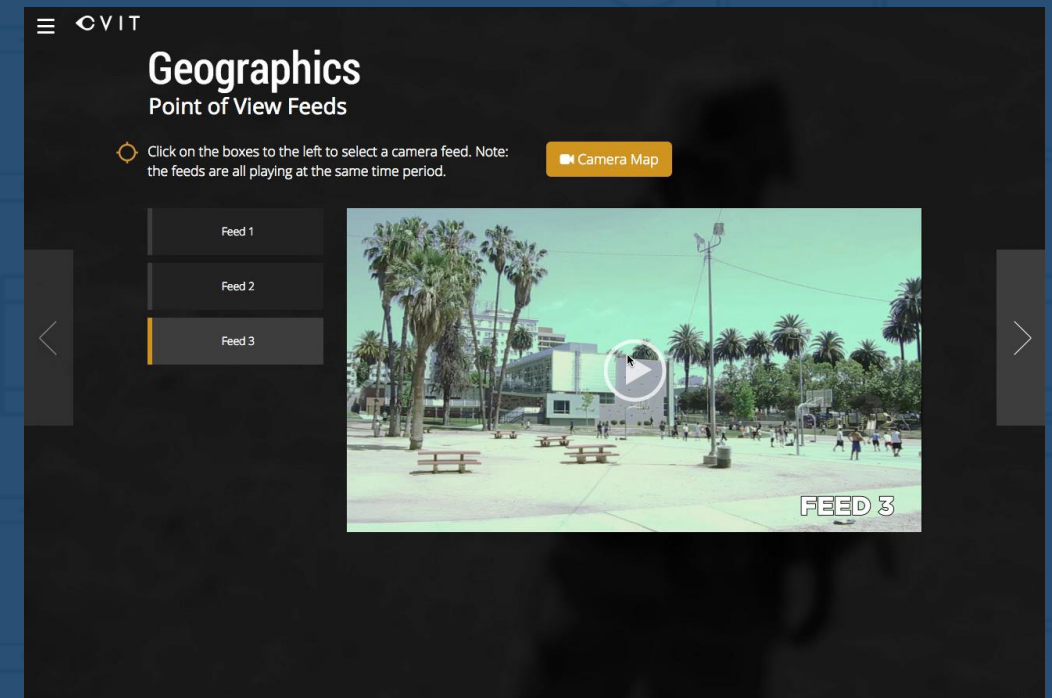
Client Case

Commercial

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Leading GRC Training Provider

Governance Risk and Compliance (GRC)

- Delivers training world-wide in multiple languages for all browsers tablet and above
- Many clients have 10's of thousands of users
- Integration to LMS and Clients Proprietary LMSs
- Large library of GRC training - GRC training provider
- Hosting of legacy Flash on Elements
- Elements HTML5 Courseware

Client base includes 98 of the Fortune 100

Proprietary Institutional LMS

SCORM

Authentication

xAPI - Activity Streams

Non-Elements Courseware

Dashboard View Non PII Disclosure Info Total Completions

HTML5 Courseware

Client Institutional LMS (SAP Success Factors)

Authentication

3rd Party LMS WBT Global

Authentication

HTML5 Courseware

LRS

AICC

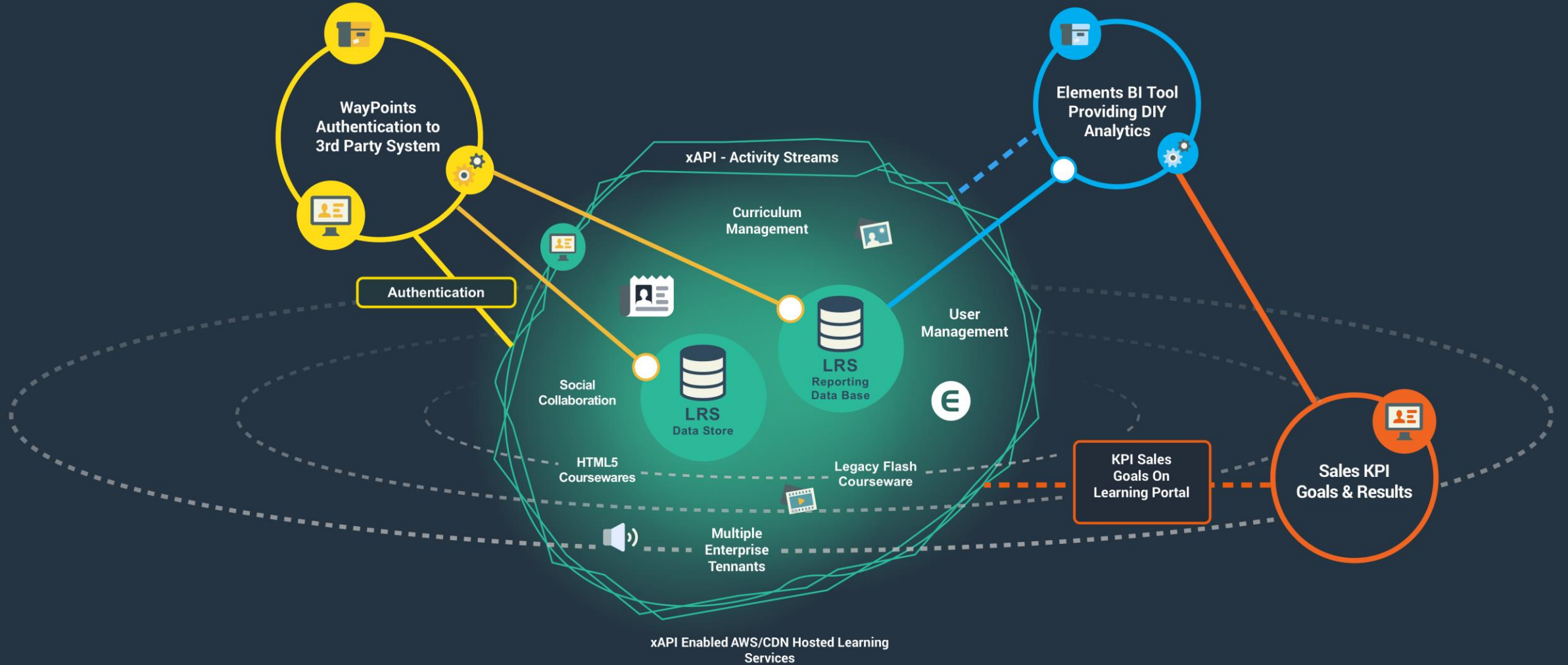**Non-Elements Courseware**

AICC
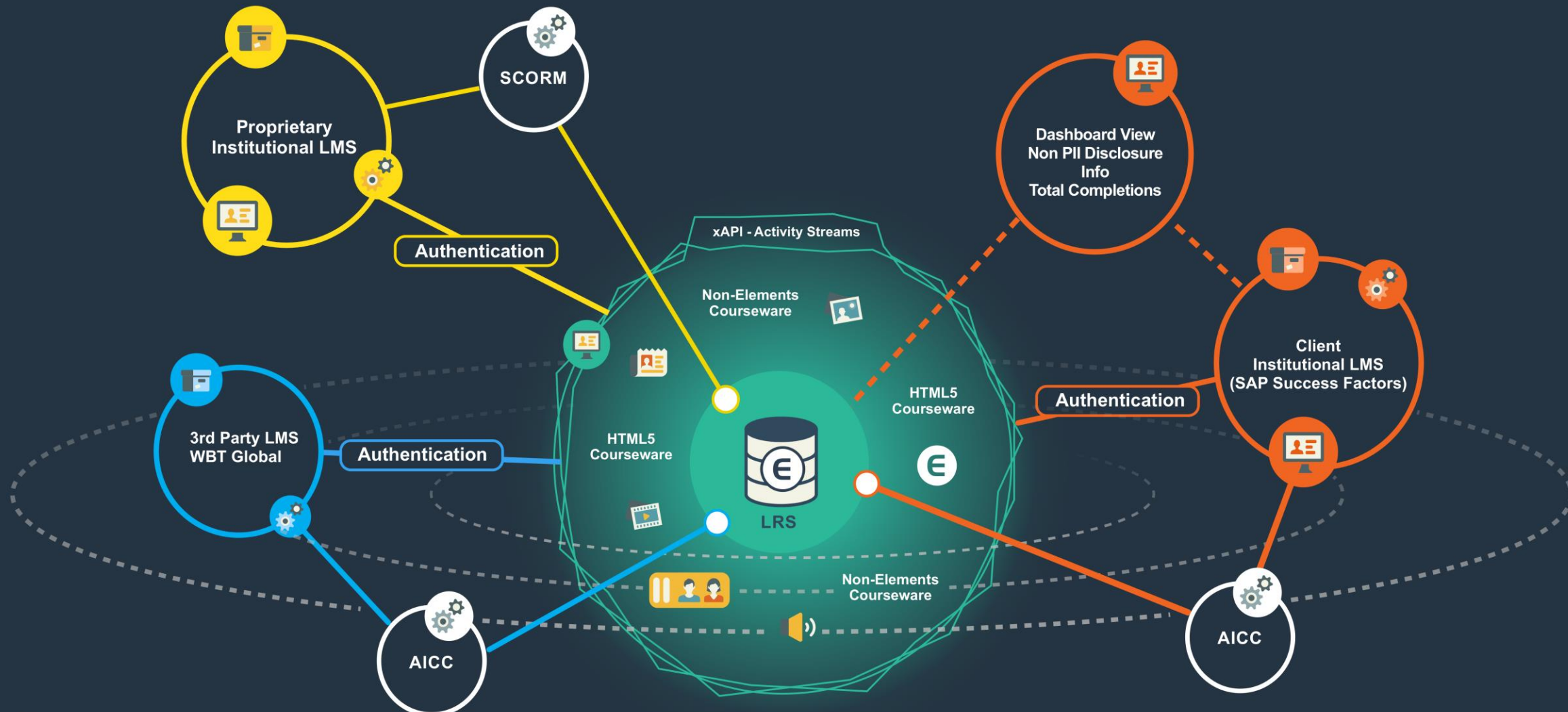
Multiple LMS Integrations
Learner Progress Tracking
Certification
Multi-Languages
Worldwide Delivery
All Browswers Tablet and PC

xAPI Enabled AWS/CDN Hosted Learning Services

Leading Airline Hospitality Services Provider

Crew Training & Core Fulfillment System

- Crew Training
  - Learner Portal - Courseware to all devices
  - Certificate - User Surveys / Assessments
  - Gamefication (pointed activities and Social Collaboration)
  - Integration to Sales Reporting
  - Multitenant / Admin Portal
  - Configure / Edit / Courses

- Core Fullfliment Software Training
  - Learner Portal - Courseware to all devices

WayPoints Authentication to 3rd Party System

Authentication

Elements BI Tool Providing DIY Analytics

xAPI - Activity Streams

Curriculum Management

User Management

Social Collaboration

LRS
Data Store

LRS
Reporting Data Base

HTML5 Coursewares

Legacy Flash Courseware

KPI Sales Goals On Learning Portal

Sales KPI Goals & Results

Multiple Enterprise Tennants

xAPI Enabled AWS/CDN Hosted Learning Services

Multiple System Integrations
Waypoints In-line Training
Competency Based
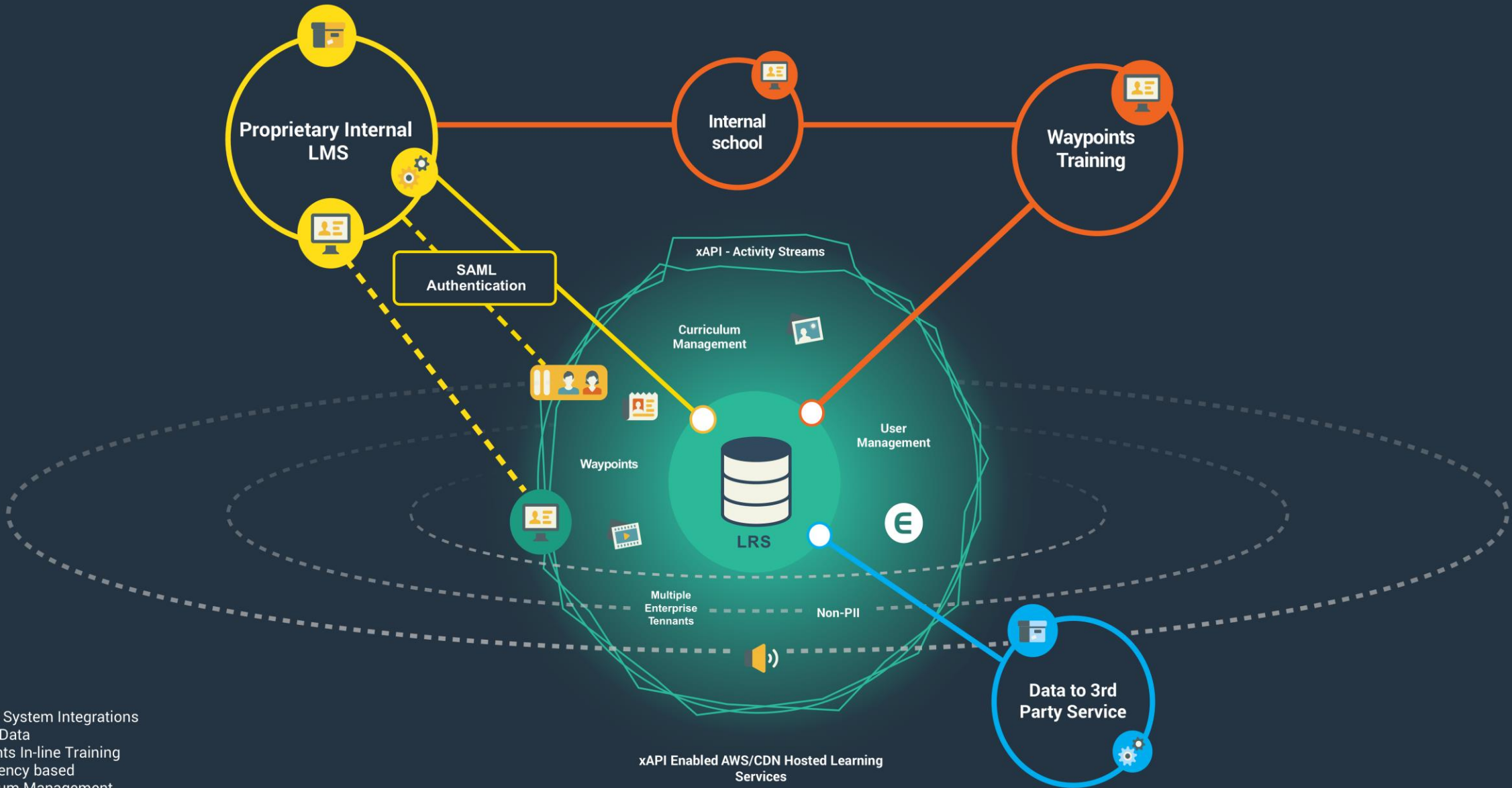BI Data Visualztion
HTML5 Courseware
Learner Progress Tracking

Certification
Multi-Languages
Worldwide Delivery
All Browsers Tablet and PC
Social Collaboration
Product Knowledge

Leading Legal Research System

In-line SoftwareTraining. Integrated.

- xAPI powered Inline training on one of the world's most advanced legal research systems
- Sharing data from LRS to 3rd Party System
- Competency Based Assessment with xAPI
- Integration to client internal Custom LMS
- Integration to internal school LMS
- Multitenant / Admin Portal
- Configure / Edit / Courses

Provides quality legal, regulatory and business information.

Proprietary Internal LMS

SAML Authentication

Internal school

Waypoints Training

xAPI - Activity Streams

Curriculum Management

User Management

Waypoints

LRS

Multiple Enterprise Tennants

Non-PII

Data to 3rd Party Service

Multiple System Integrations
Non-PII Data
Waypoints In-line Training
Competency based
Curriculum Management
Certification

xAPI Enabled AWS/CDN Hosted Learning Services
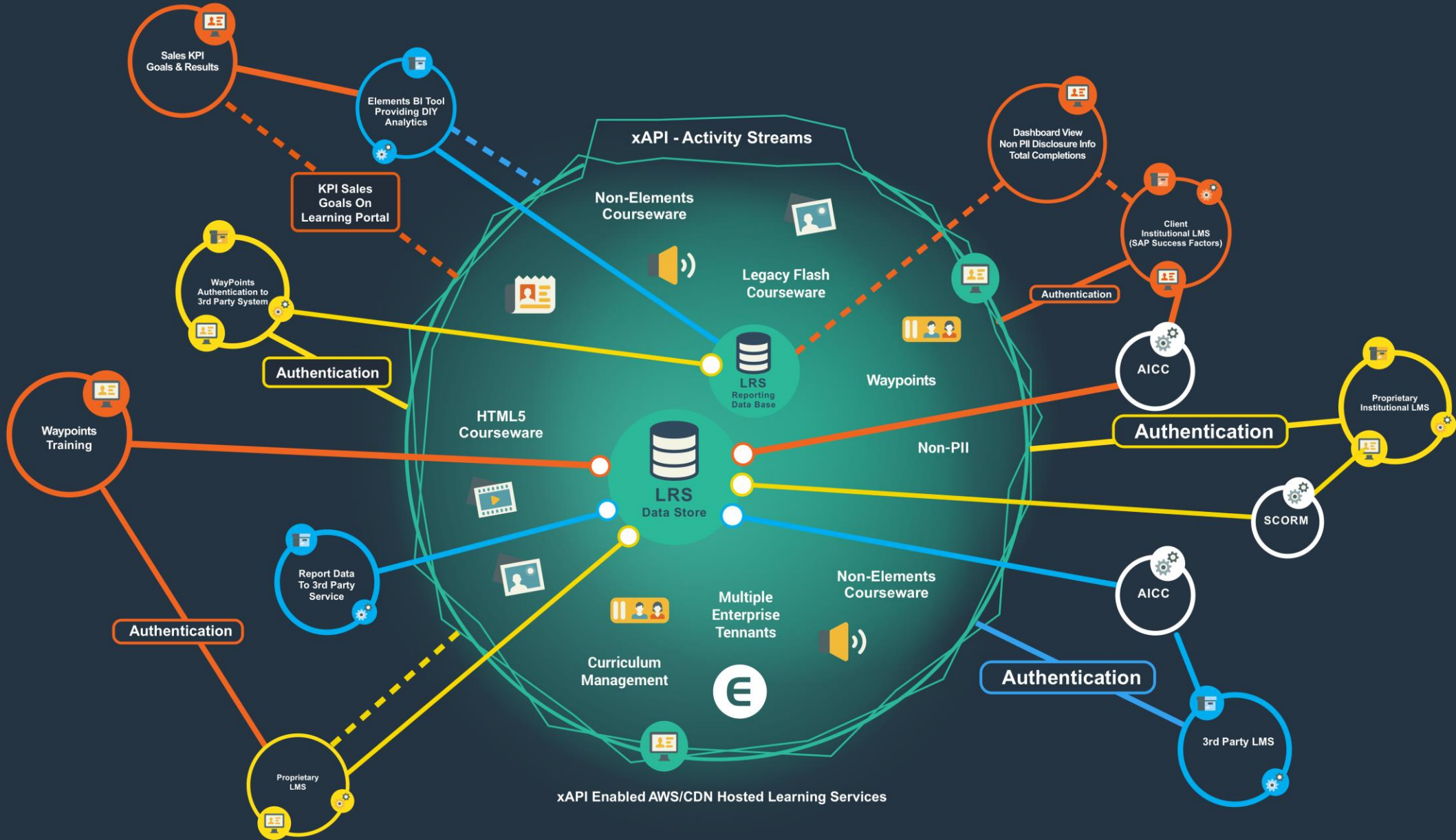
Client Case

DoD

Captivating Virtual Instruction for Training (CVIT)

- Advanced Situational Awareness Training (ASAT)
  - IMI
- Intelligence Architecture Online Course (IAOC)
  - HTML5 2-d Games & IMI
- Supervisor Development Refresher (SDC-R)
  - IMI & HTML5 Games

New technology training efforts for the Army

CACCTUS Training

- Elements installed at 5 CACCTUS locations
  - Experience Application Programming Interface (xAPI)
  - Learning Record Store (LRS)
- IMI
- Waypoints In-line training

IMI
Desktop and Mobile view

How do I get started?

Most orgs are working incrementally

- Identify Need
    - Is there a new program that could use a new technology solution?
    - Analyze, make requirements and needs
- Organize proper team
    - Vendor who is capable
    - Internal technical team to work with vendor
- Consider Pilot/Proof of Principle

3rd Party Developer Community

Open API's

Backend Systems

Mobile & Web Applications
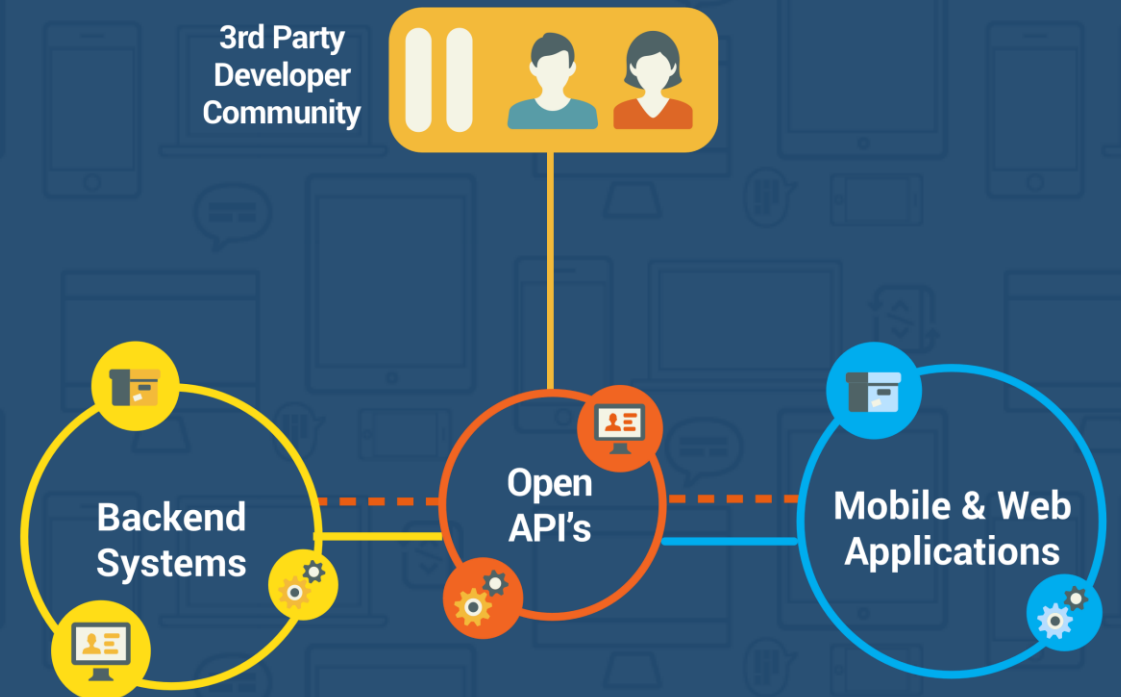
Q&A

Thank you

ELEMENTS®

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