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# Transforming Training at the Savannah River Site

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# Overview

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- **SRS sets a goal to transform training into a more modern engaging experience for employees.**
- **Replacing current training system has been a goal for a number of years at SRS.**
- **IT compliance pushed project into existence for FY19.**
- **Team wanted to go beyond one-to-one replacement and look for a system that would enhance training at SRS.**

# History

**2017:** Site Training along with Information Technology, began Exploring options for replacing the existing TRAIN system with a Commercial-Off-The-Shelf (COTS) product.

**2018:** SRNS procured SumTotal's Learning Management System (LMS) and attempted a cloud-based implementation. Security requirements meant SRNS had to maintain a private Cloud using AWS with U.S. Citizens only.

**2019:** The cloud solution was abandoned for a more Cost effective on-premise implementation.

**2020:** Site Training launch a new department focused on knowledge preservation and multimedia development

**2021:** The LMS was deployed on September 20<sup>th</sup>

# Goal – New Learning Management System

- **Deploy a Learning Management System (LMS) at Savannah River Site that will serve as a training infrastructure to support the expansion of a learning culture.**
- **Essential Functions:**
  - ✓ Web Enabled
  - ✓ User Friendly Dashboard
  - ✓ Course Management
  - ✓ Scheduling/Enrollment
  - ✓ Qualification Management
  - ✓ **Watchbills**
  - ✓ Reports and Notifications
  - ✓ Mobile Ready



# Key Challenges

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- **AWS Security and Scope Change**
- **Data Cleanup**
- **Requirements Gaps**
- **Watchbills**
- **Resource Availability**



# SumTotal

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- **The SumTotal platform has two systems:**
  1. SumTotal Learn: Learning Management System (LMS)
  2. Workforce Management: This is a scheduling module that has been re-purposed to facilitate Watchbill functionality.
- **Project is managed by International Software Systems Inc. (ISSI), a SumTotal partner using US citizens only to support the solution.**

# SumTotal Customer Profile

**TEN**

OF THE  
WORLD'S  
LARGEST  
AIRLINES

**THREE  
OF FIVE**

OF THE LARGEST  
GLOBAL  
MANUFACTURERS

**300**

HEALTHCARE  
ORGANIZATIONS

**THREE  
OF FIVE**

OF THE LARGEST  
U.S. COMMERCIAL  
BANKS

**30+**

TOP U.S.  
FEDERAL/STATE  
AGENCIES  
AND MILITARY  
ORGANIZATIONS

**3 OF THE  
TOP 5**

ACCOUNTING  
AND CONSULTING  
FIRMS

**7**

OF THE  
WORLD'S  
BIGGEST OIL  
COMPANIES

**7 OF THE  
TOP 12**

U.S.  
PHARMACEUTICAL  
COMPANIES

**THREE OF FIVE**

OF THE  
LARGEST U.S.  
MANUFACTURERS





# Goal – Enhance Training Content

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- **Diversify course development tools for our Web Team.**
- **Develop strategic plan for knowledge preservation and multimedia development.**
- **Create KPMD Team to work side by side with the Web based team to create content.**



# Web Based Training and KPMD Mission

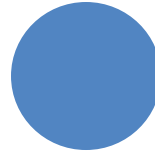


**Capture and curate institutional knowledge while delivering impactful content that enhances our safety culture and drives mission success.**

# Our Services

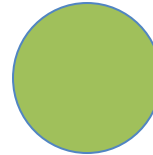
## Course Development

From conception to revision, our team can work with you to design, create and implement interactive training for the classroom or the web.



## Custom Graphics

Infographics, graphs, charts or animations, our team can transform your data into visually engaging and impactful design.



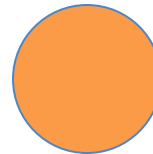
## Videography/Photography

Knowledge capture interviews, task & project documentation, lessons learned, screen captures, meetings or training videos, our team captures it.



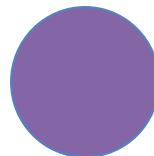
## Virtual Reality

Turning hard to duplicate scenarios into immersive experiences, we allow students to apply instruction in realistic simulations safely.



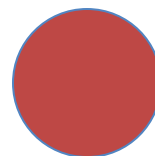
## Virtual Instruction

If you need to teach remotely, broadcast live from a classroom, conduct remote exams or JPM's, we can make it happen.



## Web Development

Web application development or website Design, if you can imagine it, our team will Do our best to make it into a reality.





# The Impact of Video

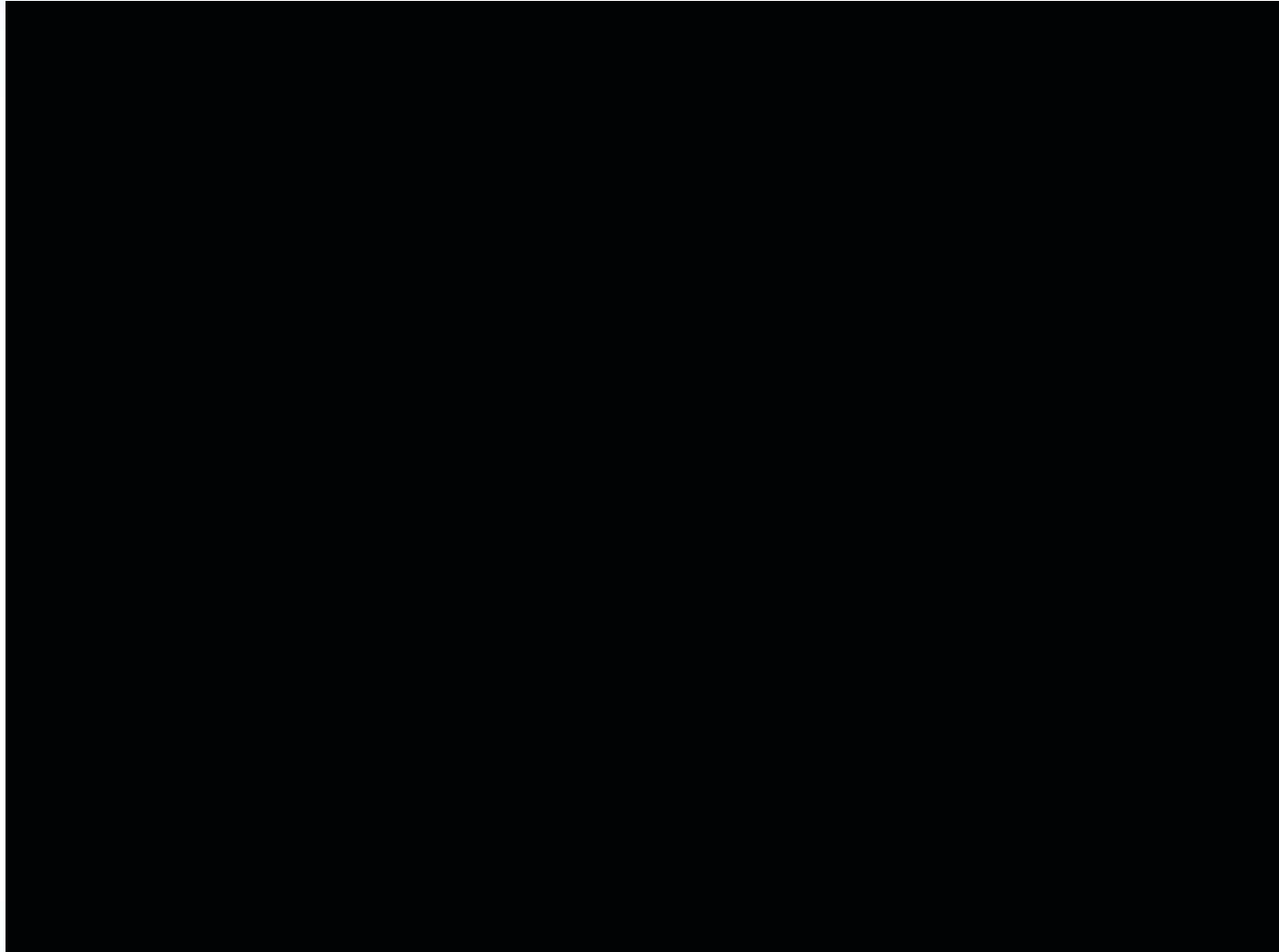
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- **Bridges the Gap**
- **Increases Knowledge Retention**
- **Documents the Process**
- **Usable in Multiple Platforms**
- **Covers all 5 Knowledge Transfer Mechanisms**



# Video

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# Other Training Enhancements

## Training Enhancements

- Deployment of smart classroom model. Currently used for RWT training.
- Deployment of iPads for classroom course guides.
- Conversion of classroom projectors and screens to smart monitors
- Deployment of a new automated Training Forms Control System.





# On the Horizon

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- **Classroom transformation**
- **Training records automation**
- **LMS enhancements**
- **Development of a “Youtube” style database to provide video training on demand.**



# QUESTIONS?

