

**MICHIGAN STATE**  
**UNIVERSITY**

# Alpha Presentation

## Multi-Video Case Management

The Capstone Experience

Team Technology Services Group

Adam Gnott  
Sam Belcher  
Noah Engerer  
Jonathan Little  
Matt Wojno  
Yichen Zang

Department of Computer Science and Engineering  
Michigan State University  
Spring 2019



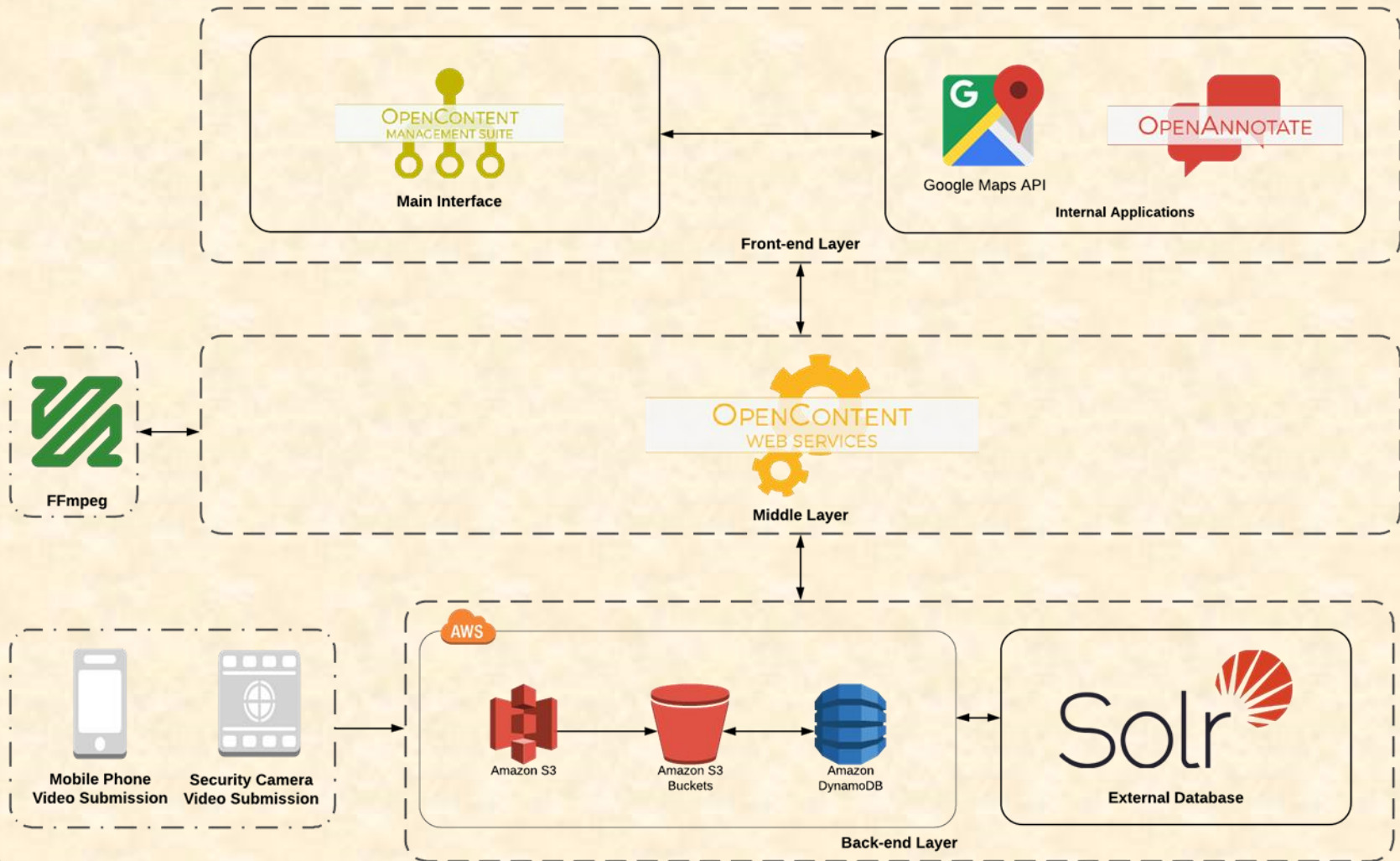
*From Students...*  
*...to Professionals*

# Project Overview

- Insurance claims can contain large amounts of video content
  - Time consuming to review multiple videos of one event
  - Difficult to present an incident from multiple camera angles all at once
- Building upon existing OpenContent Management Suite architecture
- Two new actions
  - Add videos from a map view
  - Merge multiple videos together



# System Architecture



# Admin Configuration

The screenshot shows the OpenContent Management System (OCMS) Admin Configuration interface. The browser address bar indicates the URL: `ec2-18-210-252-144.compute-1.amazonaws.com/hpl/admin/StageConfig/insuranceClaim`. The top navigation bar includes links for Search, Collections, Dashboard, Create Wizard Form, and Create New Folder. The user is logged in as 'admin'.

**Left Sidebar:**

- Application Setup
- Views
  - Dashboard
  - Folder Browser
  - Collections
  - Search
  - Stage (selected)
  - Indexer
- Workflows
- People
- Tools

**Main Content Area:**

**Folder Actions**

Select a group to edit or add new action groups  
Add actions when editing a group  
Folder Actions  
Show Label ☐

**Available Actions**

- acquireWorkflowTask
- addToCollection-DocViewer
- annotateObject
- annotateVideo
- bulkUploadEmail
- cancelCheckout
- cancelForm
- cancelWizardWorkflow
- cancelWorkflow
- changeWizardFormOwner

**Selected Actions**

- viewProperties ☐
- propertyIntegrityCheck ☐
- viewAllDocuments ☐
- viewFolderTerms ☐
- bulkUpload ☐
- folderNotes ☐
- sendEmail ☐
- exportFolder ☐
- addVideosFromMap ☐

(Hint: You can drag these actions into a particular order)

**Why Can't I Action Label**

Why Can't I

**Why Can't I Action Icon**

question-sign

**addVideosFromMap**

**Adds video from a google map view.**

The following conditions must be satisfied for a user to see or perform this action:

- Always valid.

**Label**

Add Video From Map

**Handler:**

Right Side (Stage Only)

**paneSize:**

Full Pane

**Auto launch**

This only works for folder actions and will not do anything if configured for a document action.

☐ No ☒ Yes

**Icon:**

map

**Display action in "Why Can't I" action**

☐

**Additional Properties**



# Add Videos From Map Action

The screenshot displays the OpenContent Management System (OCM) interface. On the left, a sidebar contains a 'Claim' section with 'Folder Properties' (Claim Number: 1234, Policy Number: 12345678, Policy Year: 2019) and an 'Actions' section with various options like 'View Properties', 'Property Integrity Check', 'View All Documents', 'View Folder Terms', 'Add Documents', 'Folder Notes', 'Send Email', 'Export Folder', and 'Add Video From Map'. Below this is a 'Related Objects' section showing 'Loading...'. The main content area is titled 'Add Video From Map' and features a map of Michigan State University Wharton Center. The map shows various buildings and fields, with a red pin indicating the location of interest. Below the map, there are buttons for 'Add All' and 'Add Selected', and a list of video files: 'passageway1-c3.avi' and 'passageway1-c0.avi'. The top of the interface shows the browser address bar with the URL 'ec2-18-210-252-144.compute-1.amazonaws.com/hpl/Stage/insuranceClaim/d6c27f57-077c-496b-a628-25d4674115fe-0.1/folderActionId=addVideosFromMap' and a navigation bar with links for 'Search', 'Collections', 'Dashboard', 'Create Wizard Form', and 'Create New Folder'.

OpenContent Management System

ec2-18-210-252-144.compute-1.amazonaws.com/hpl/Stage/insuranceClaim/d6c27f57-077c-496b-a628-25d4674115fe-0.1/folderActionId=addVideosFromMap

Search Collections Dashboard Create Wizard Form Create New Folder

Hello, admin Sign Out Admin

Claim

Folder Properties

Claim Number 1234  
Policy Number 12345678  
Policy Year 2019

Actions

Folder Actions

- View Properties
- Property Integrity Check
- View All Documents
- View Folder Terms
- Add Documents
- Folder Notes
- Send Email
- Export Folder
- Add Video From Map

Related Objects

Loading...

Add Video From Map

Location of Interest

Michigan State University Wharton Center

Time From: 02:00 PM Time To: 02:30 PM Date: 02/05/2019

Submit

Map Satellite

College of Law  
E Shaw Ln  
ChargePoint Charging Station  
IM Sports East  
West Akers Hall  
Akers Hall  
North  
Hubbard H  
College of Osteopathic Medicine  
Vet Med Fields  
Vet Med Center  
Department of Plant, Soil and Microbial Sciences  
Molecular Plant Sciences Building  
Department of Plant Biology  
Horticultural Demonstration Gardens  
Wilson Rd  
S Shaw Ln  
Facility for Rare Isotope Beams  
Wharton Center for Performing Arts  
Im East Field  
Conrad Hall  
Fee Hall Medical Bookstore  
Zipcar

Map data ©2019 Google Terms of Use Report a map error

Add All Add Selected

- passageway1-c3.avi
- passageway1-c0.avi



# Merge Video Action

The screenshot shows the OpenContent Management System interface. A 'Merge Videos' dialog box is open, displaying an error message: "File type is not a avi video format." Below the message, it lists the files being processed: "Combined PDF-Fri Feb 15 2019 5-26-38.pdf" and "pdf.pdf". The dialog also shows a table of documents being combined, with columns for Name, Claim Number, Tags, and Modified Date. The table lists three documents: "passageway1-c0", "passageway1-c1", and "passageway1-c3", all with Claim Number 1234 and Tags "Images". The dialog includes a "File to be created:" field with the value "finalVideo" and a "Create Video" button.

Name	Claim Number	Tags	Modified Date
passageway1-c0	1234	Images	02-16-2019 9:44 am
passageway1-c1	1234	Images	02-16-2019 9:43 am
passageway1-c3	1234	Images	02-16-2019 9:43 am





# Merged Video

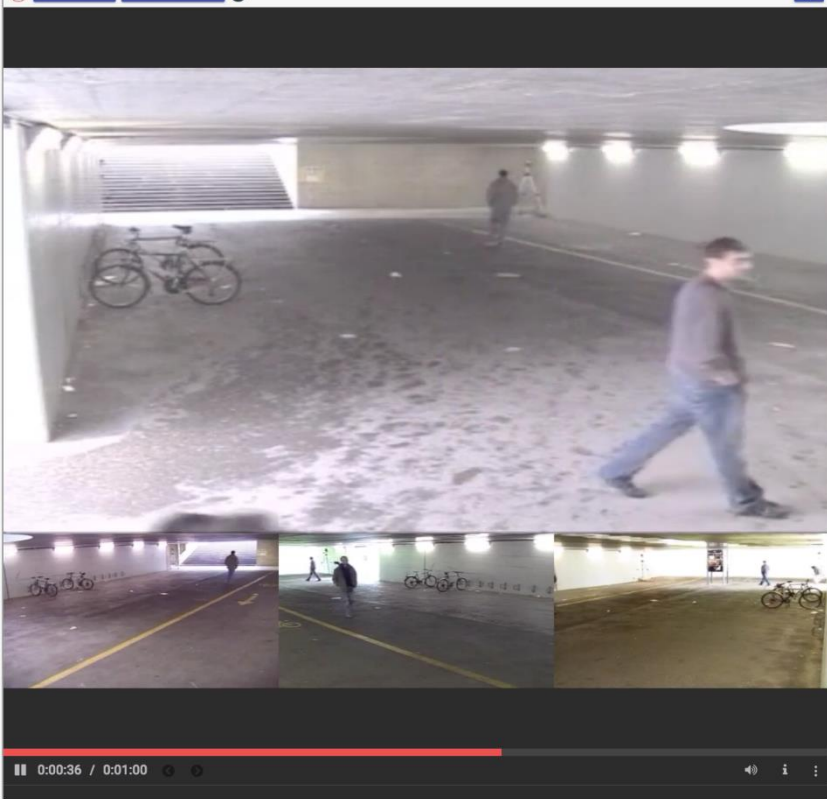
OpenContent Management System

ec2-18-210-252-144.compute-1.amazonaws.com/hpl/Stage/insuranceClaim/d6c27f57-077c-496b-a628-26d4674115fc-0.1%7C00bdf928-3e4d-4280-87b7-bd1b5d7c10b9-0.1

Search Collections Dashboard Create Wizard Form Create New Folder

Actions finalVideo

Show Panel Add Annotations



0:00:36 / 0:01:00

passageway1-c4	1234	Images	02-17-2019 4:24 pm
passageway1-c3	1234	Images	02-17-2019 4:13 pm
passageway1-c2	1234	Images	02-17-2019 4:13 pm
passageway1-c0	1234	Images	02-17-2019 4:13 pm
team-technology-services-group-des...	1234	Images	02-17-2019 4:02 pm
Browse_WhileWaiting2.mpg	1234	Images	02-17-2019 4:01 pm
passageway1-c3	1234	Images	02-17-2019 3:06 pm
passageway1-c2	1234	Images	02-17-2019 3:06 pm
passageway1-c0	1234	Images	02-17-2019 3:06 pm
passageway1-c3	1234	Images	02-17-2019 3:05 pm
passageway1-c1	1234	Images	02-17-2019 3:05 pm
passageway1-c2	1234	Images	02-17-2019 3:05 pm
passageway1-c0	1234	Images	02-17-2019 2:46 pm
passageway1-c0	1234	Images	02-17-2019 2:46 pm
passageway1-c3	1234	Images	02-17-2019 2:46 pm
passageway1-c2	1234	Images	02-17-2019 2:46 pm
passageway1-c1	1234	Images	02-17-2019 2:46 pm
passageway1-c0	1234	Images	02-17-2019 2:45 pm
passageway1-c2	1234	Images	02-17-2019 2:45 pm
passageway1-c3	1234	Images	02-17-2019 2:45 pm
finalVideo	1234	Images	02-17-2019 2:27 pm
finalVideo	1234	Images	02-17-2019 2:00 pm
finalVideo	1234	Images	02-17-2019 1:52 pm
finalVideo	1234	Images	02-17-2019 1:48 pm
passageway1-c0	1234	Images	02-16-2019 9:44 am
passageway1-c1	1234	Images	02-16-2019 9:43 am
passageway1-c3	1234	Images	02-16-2019 9:43 am
passageway1-c2	1234	Images	02-16-2019 9:43 am
Combined PDF-Fri Feb 15 2019 5-2...			02-15-2019 4:26 pm
passageway1-c0	1234	Images	02-15-2019 3:38 pm
passageway1-c1	1234	Images	02-15-2019 3:38 pm
passageway1-c2	1234	Images	02-15-2019 3:38 pm
passageway1-c3	1234	Images	02-15-2019 3:38 pm
stmarc_video.avi	1234	Images	02-15-2019 11:39 am
rene_video.mov	1234	Images	02-15-2019 11:37 am
rouen_video	1234	Images	02-15-2019 11:30 am
rouen_video	1234	Images	02-15-2019 10:16 am
finalVideo	1234	Images	02-15-2019 10:09 am
finalVideo	1234	Images	02-15-2019 10:07 am
Browse_WhileWaiting2.mpg	1234	Images	02-13-2019 4:40 pm
nye.mov	1234	Images	02-13-2019 1:55 pm
pdf.pdf	1234	Supplemental	02-08-2019 5:13 pm
SampleVideo_1280x720_1mb.mp4	1234	Supplemental	02-06-2019 3:14 pm
small.mp4	1234	Supplemental	02-06-2019 1:21 pm
atrium_video.avi	1234	Supplemental	02-06-2019 1:20 pm
Steps to setting up local environmen...	1234	Bill	02-01-2019 3:16 pm
atrium_video.avi	1234	Images	01-25-2019 5:54 pm
Screen Shot 2019-01-23 at 4.33.47 ...	1234	Images	01-29-2019 9:57 am
Cover Page 1.pdf	1234	Contracts	01-22-2019 4:37 pm



# What's left to do?

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- Add annotation priority functionality
- Show folder contents on a map
- Query S3 bucket based on Add Videos form
- Make new actions configurable
- Enhance UI design



# Questions?

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