Alpha Presentation
Security Analytics Suite: Client Configuration Tool

The Capstone Experience

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Fall 2017
Project Overview

• Niche client base in police and law enforcement
• Reduce time it takes for Avata to onboard clients
• 3 modules to implement:
  ▪ Client information
  ▪ Geography
  ▪ Taxonomy
System Architecture

REST

JSON

DB Queries

Microsoft SQL Server

Java

Spring
Information Setup: Roles & Modules

Roles and Modules

Select Roles:
- Chief
- Captain
- Major
- Sergeant
- Private

Select Modules:
- Heat Map
- Camera
- Topographical

MySQL

Export User Roles
Information Setup: Shifts
Geography Setup
Taxonomy Setup

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What’s left to do?

• Finish UI
  ▪ Buttons
  ▪ Sidebars
• Encapsulate front-end data in format that back-end can consume
• Export MsSQL/MySQL file
• Implement front-end validation for polygon overlapping
• Finish data hierarchy
  ▪ Geography
  ▪ Taxonomy
Questions?