MICHIGAN STATE UNIVERSITY

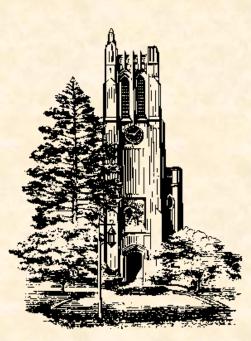
Beta Demonstration Camera Control Appliance

Team Raytheon CSE 498, Collaborative Design

Austin Gregory Phillip Studans Scott Bishop Thomas Parker

Department of Computer Science and Engineering Michigan State University

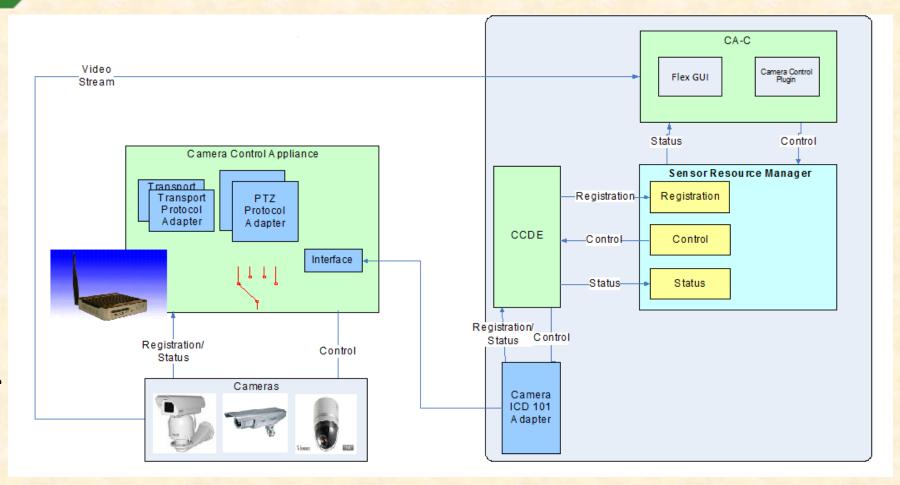
Spring 2010



Project Overview

- Camera Control Appliance
 - ICD-101A \rightarrow different camera protocol
 - Communicate with Sensor Resource Manager (SRM)
- Flex GUI
 - Create commands from users
 - Commands \rightarrow SRM
 - Stream video
- Command Assurance Plugin
 - Subscribe to changes from SRM
 - Update objects in Command Assurance





Screen Shot

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Common Operating Picture	🤣 🖉 🗖 🖏 Data	Feed Manager 🛛 💻 Consol	e 🕅 XML Data Viewer		▶ 🥥 🖉 🎽
🔁 Incident (30)	Feed N	ame Status	Is Running	TX Msgs	RX Msgs
🗁 Sensor Sector (1)	DIS	Running	true	0	0
	CCA PIL	igin Running	true	0	0
	FAA	Connecting	true	0	0
	Indiana	polis 911 Running	true	0	30

Screen Shot

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File Edit View Tools Add Help

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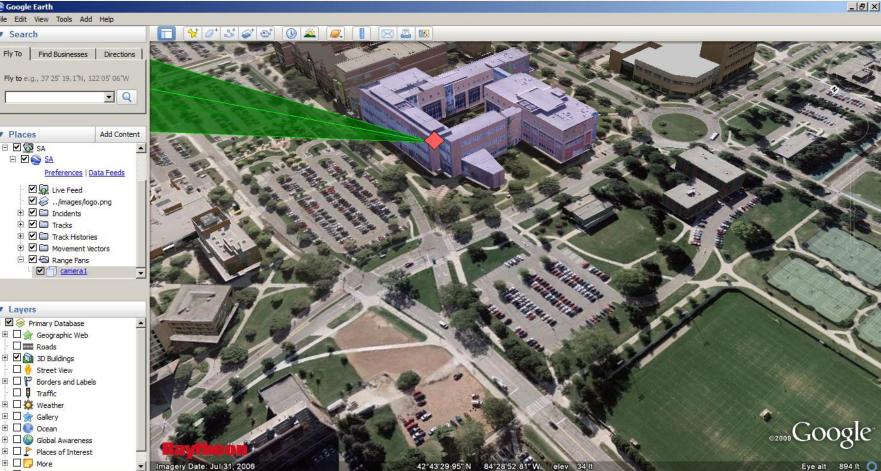
Camera1

Roads

Traffic

Street View

Raytheon Layers 🖻 🗹 🮯 Primary Database 😟 🗌 🌸 Geographic Web E 🗹 🚵 3D Buildings E Borders and Labels 🗄 🗌 🌺 Weather Team I 🗄 🗌 💽 Ocean 🗄 🗌 🚳 Global Awareness 🗄 🗌 🦹 Places of Interest 1 D More



Screen Shot

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File Edit View Tools Add Help

 Search Fly To Find Businesses Directions Fly to e.g., 37 25' 19.1"N, 122 05' 06"W Places Add Content

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Raytheon Layers 🗄 🗹 🮯 Primary Database 😟 🗌 🌸 Geographic Web

Team I

Roads E 🗹 🕅 3D Buildings Street View Traffic 🗄 🗌 🔆 Weather E Ocean 🗄 🗌 🌑 Global Awareness

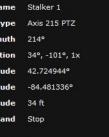
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	Longitude	
	Altitude	3
	Last Command	s

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	Left	Stop	Right	Zoom	
D	ownLeft	Down	DownRight	200m	



Video Feed



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