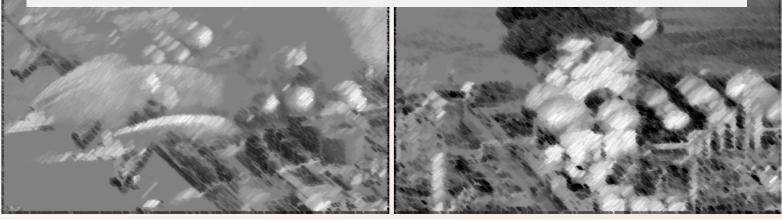
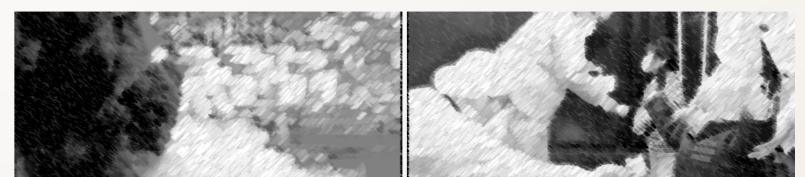
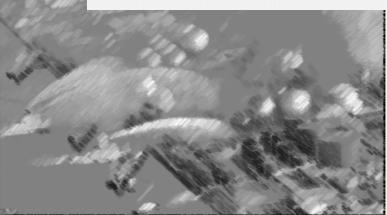


# Time Critical Need for Rapid Decision Making

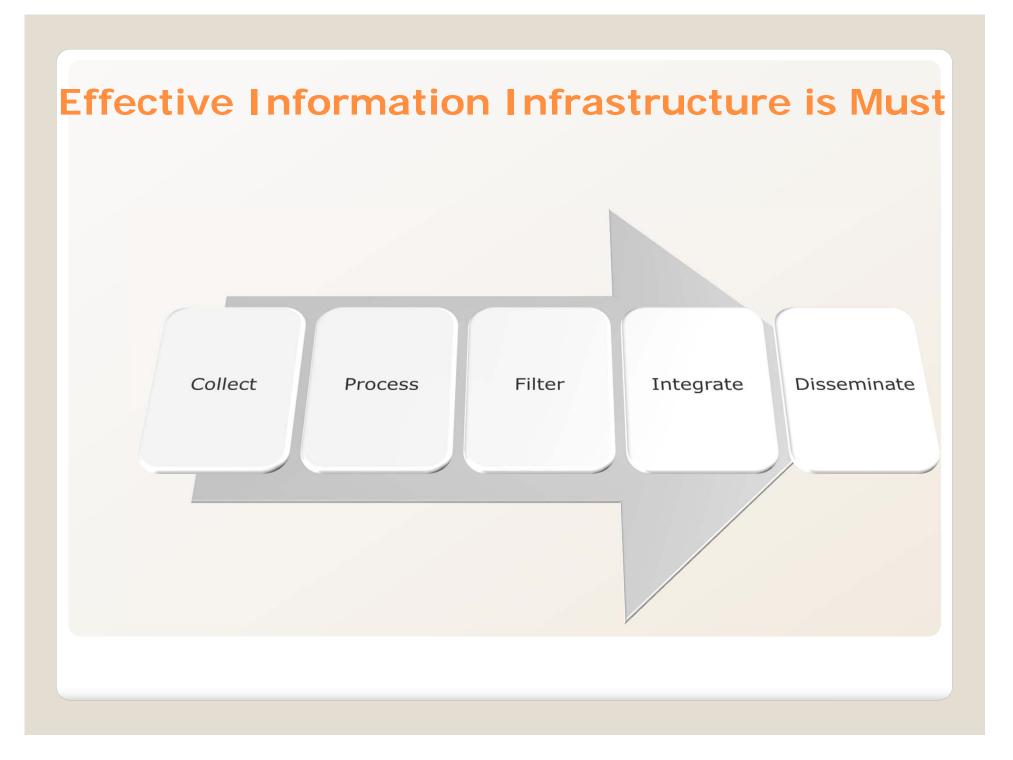


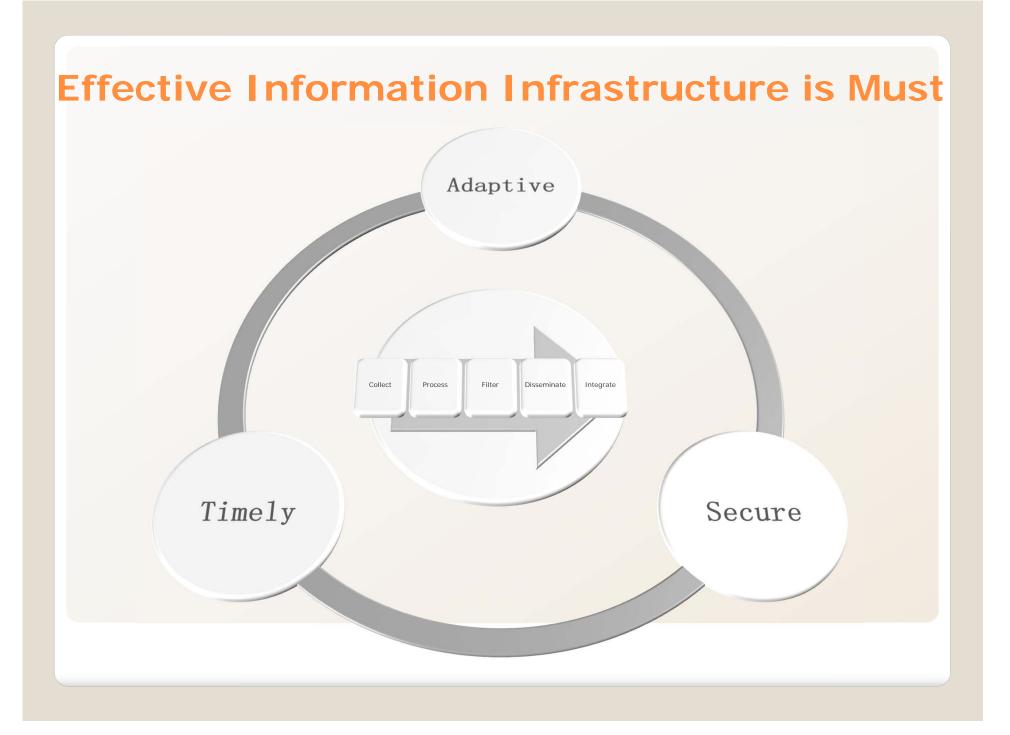


#### Autonomous Participants Need for Coordination

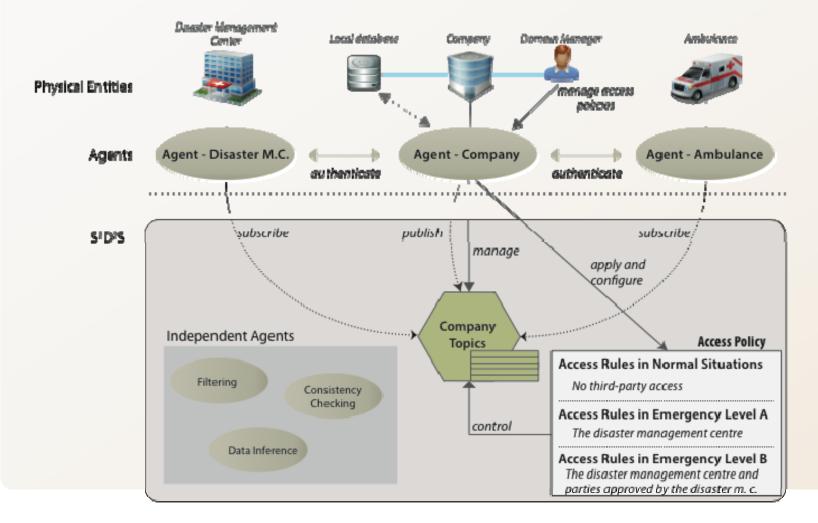


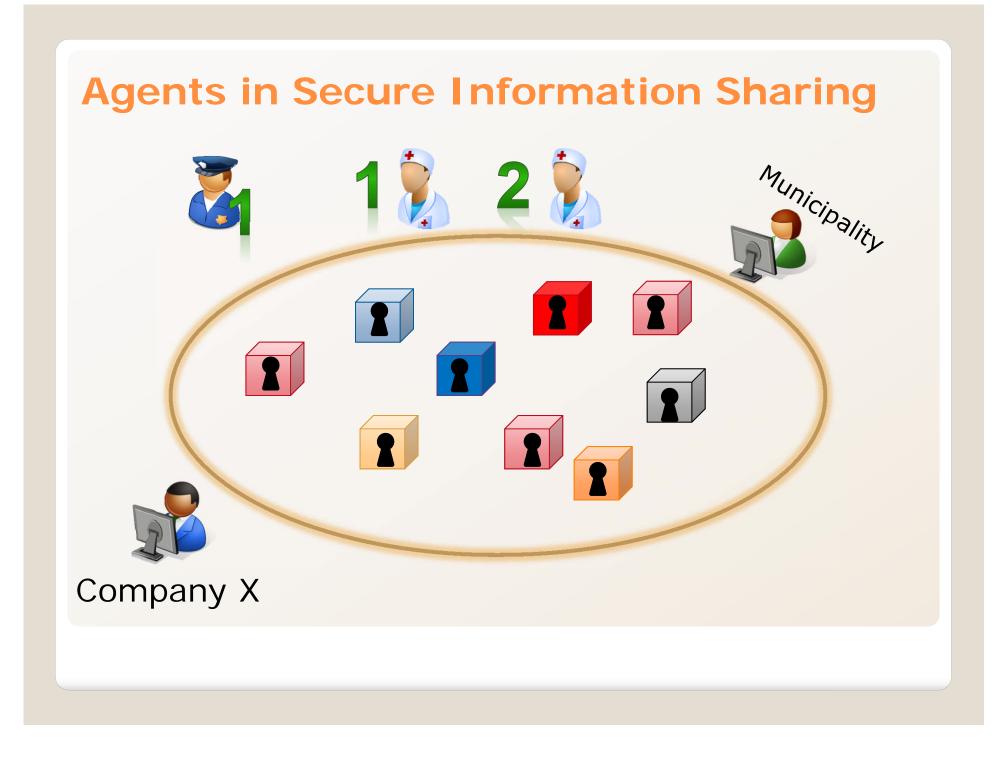


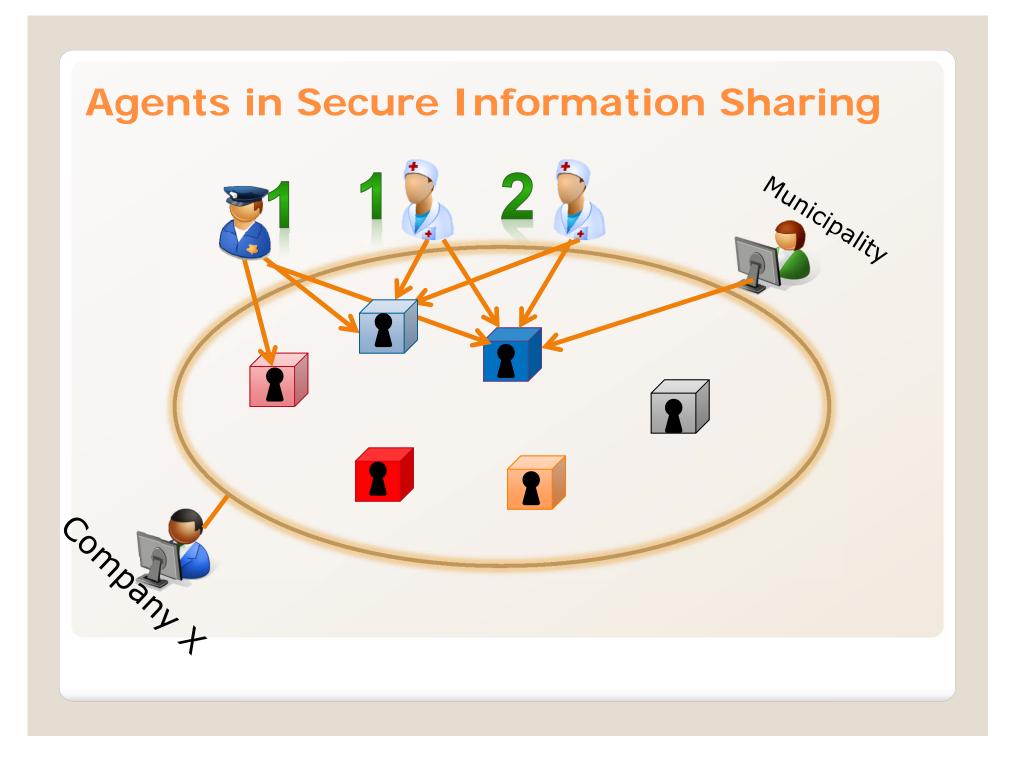




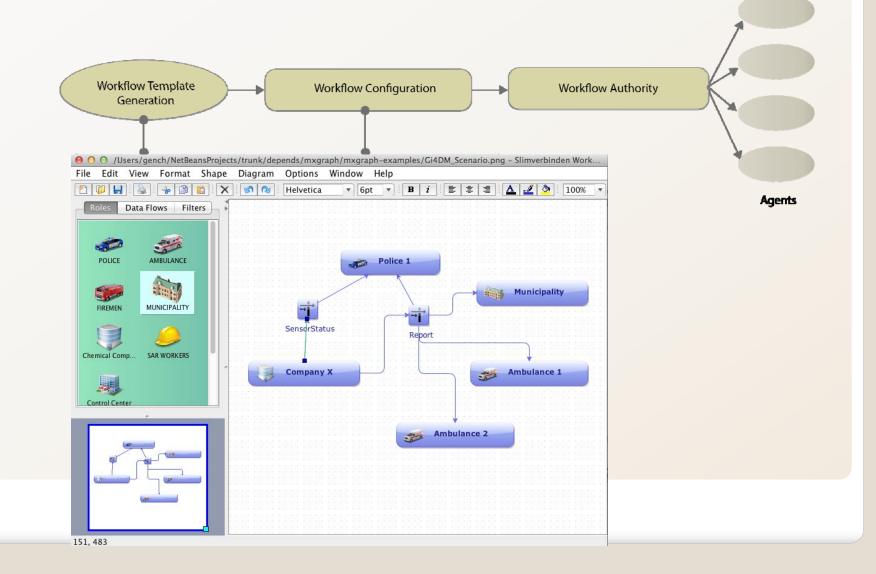
#### Information Infrastructure with Software Agents











#### Conclusion

Agents can help in:

- Information Processing
- Secure Sharing of Information
- Management of Information

#### **Feedback & Questions**



thank you for listening...

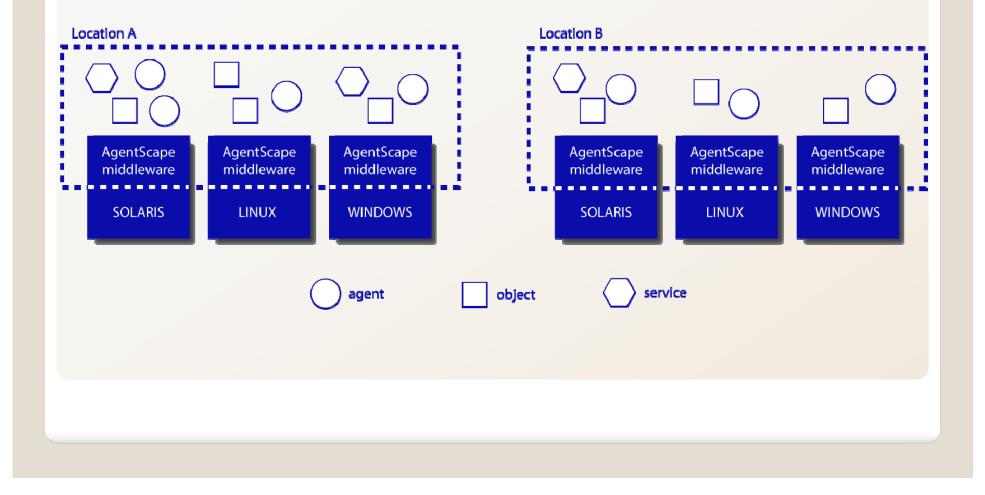


Zulkuf Genc: z.genc@tudelft.nl



#### What is Agentscape?

A distributed middleware to host agents

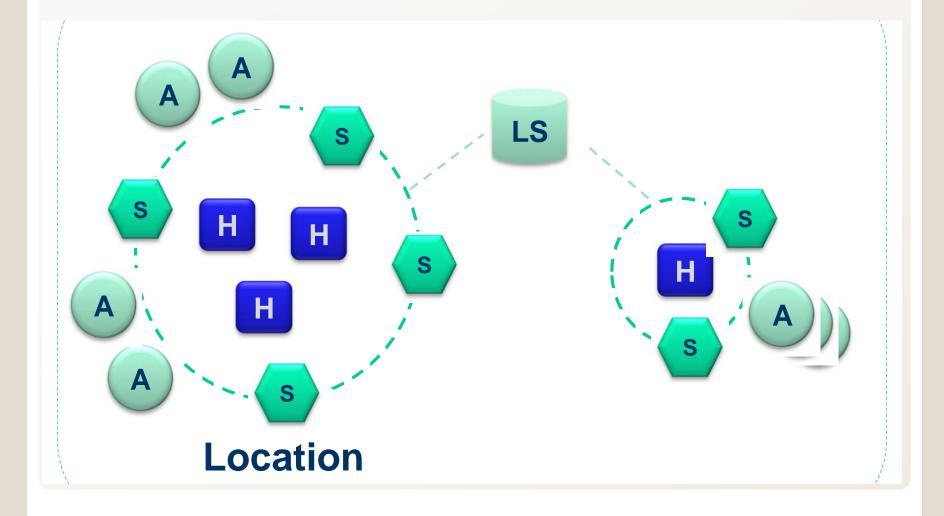


### What does Agentscape provide?

# Platform for supporting agents

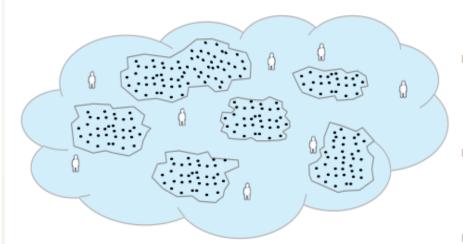
- Create and delete agents
- Agent-agent and agent-service interaction
- Migrating agents from one platform to another
- Locating agents/services

# **Agentscape World**



# **Agentscape Use**

# \lapha \l





#### **Participatory layer**

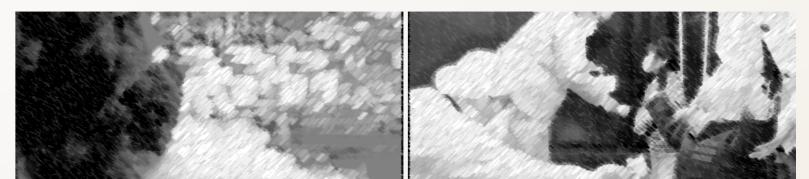
- user preferences;
- trust;
- reputation;
- policy legislation;
- self management.

#### Agent layer

- communication;
- negotiation;
- clustering;
- self management;

# **Physical layer**

- houses, wind turbines;
- power lines;
- solar panels;



Complex Management Need for Automation

