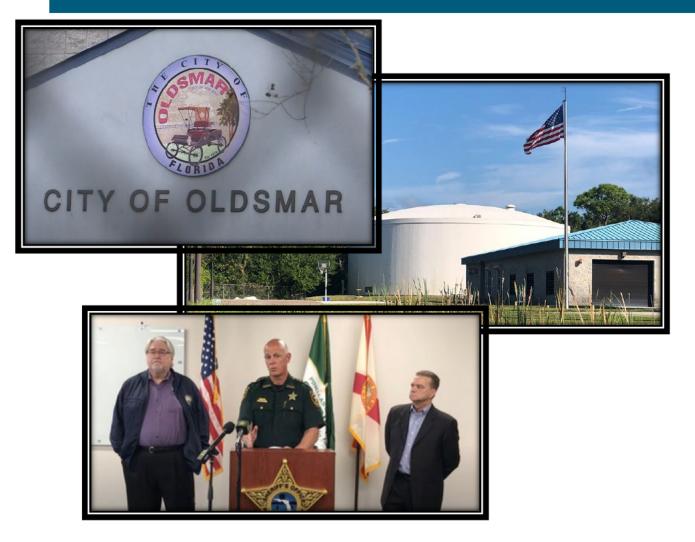


# Oldsmar, FL Water Facility Event

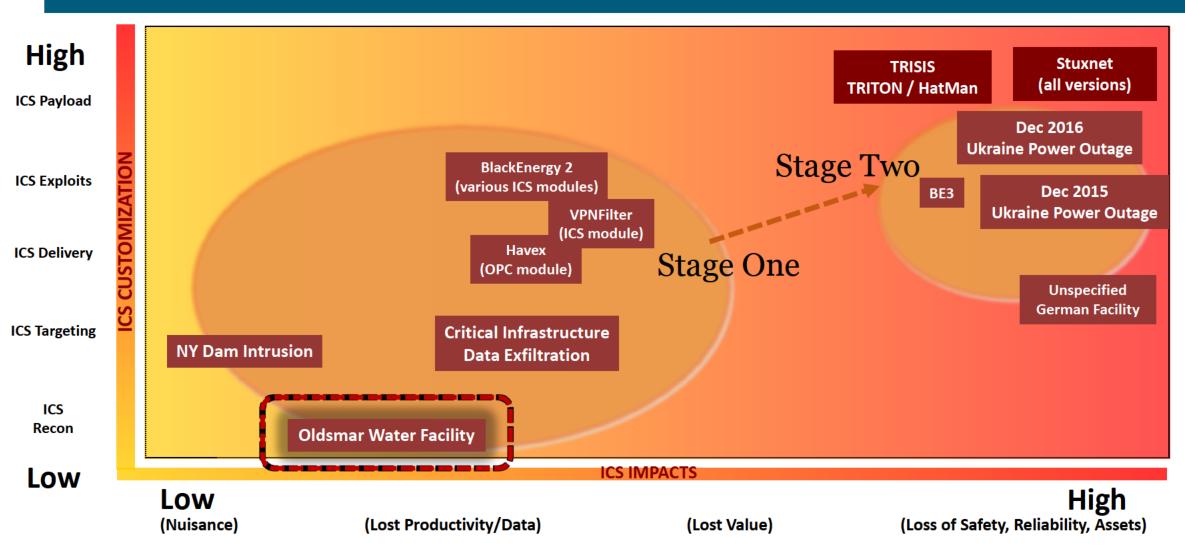


#### Oldsmar, FL – Water Facility – The Basics



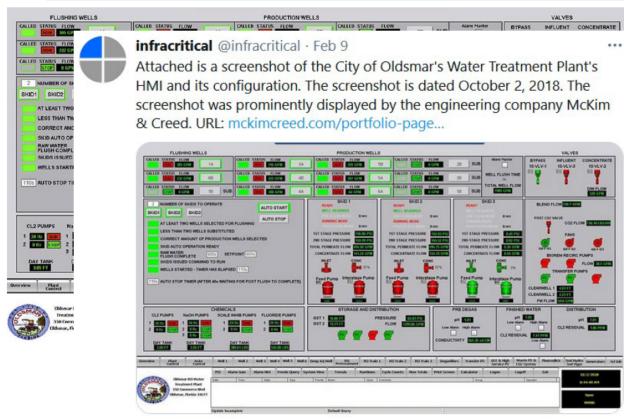
- ☐ An individual accessed a water treatment system in Oldsmar, Florida on 2/5/21 and increased the levels of sodium hydroxide to potentially dangerous levels
- ☐ Oldsmar is about 17 miles west of Tampa with a population of 15,000 people
- ☐ The individual gained access through the TeamViewer remote access software in use
- ☐ This was not an advanced attack, this is not a new or uncommon problem

## Where Does This Fit? - ICS Incidents & Access Campaigns





## Lessons Learned in Reference to Open-Source Reconnaissance

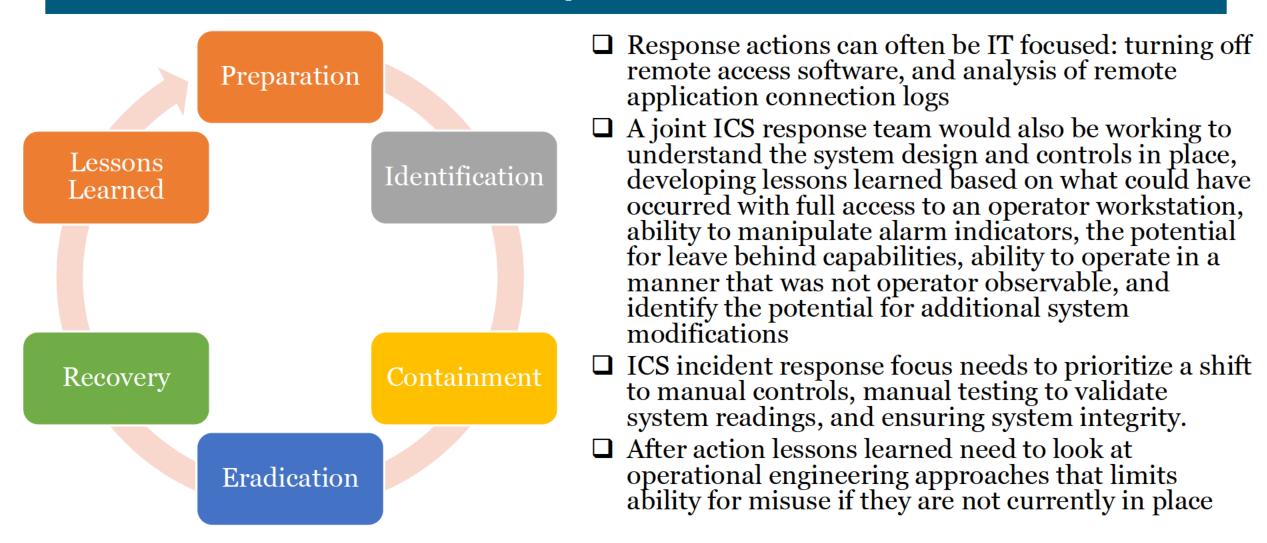


interface. This button resides on the SCADA screen in the control room and is also accessible through City iPads connected to the SCADA system. Operators can easily press the button to initiate automatic control regardless of their location, which is helpful in emergency situations and during routine site tours.

- ☐ If publicly available information about your system is interesting for an adversary, then it should be interesting to you
- ☐ Review agreements with vendors and integrators in relation to protecting your information
- ☐ Provide security awareness training related to information protections

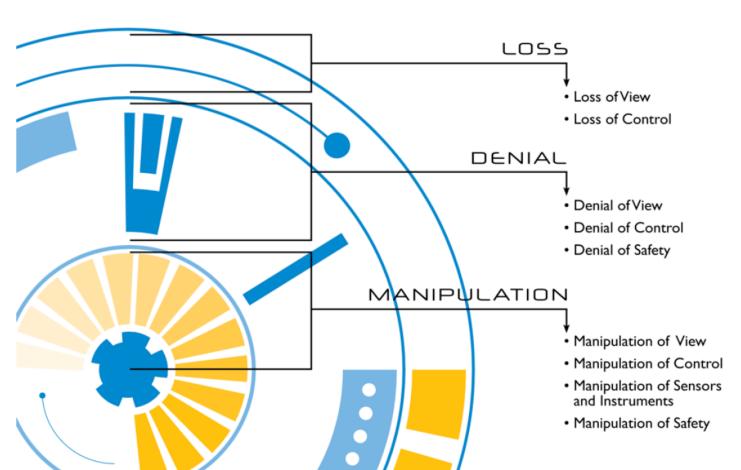


#### **ICS** Considerations for Response Actions



## **Operations Impacts**

#### Attacker Objectives



Well defined plans for loss of view and loss of control at small scale or for short periods of time

Plans do not completely address events when systems are available, but do not perform the functions required or expected

Plans do not address events when systems are available, but someone else is in control of them

#### Resources

#### Overview Stories Various News Media

- Hack exposes vulnerability of cash-strapped US water plants The Washington Post
- <a href="https://www.cbsnews.com/video/hack-in-florida-citys-water-system-reveals-potential-cyber-risks-of-many-local-communities/#app">https://www.cbsnews.com/video/hack-in-florida-citys-water-system-reveals-potential-cyber-risks-of-many-local-communities/#app</a>

## Sector Guidance WaterISAC Resource

• 15 Cybersecurity Fundamentals (WaterISAC).pdf

#### FBI PIN

#### Law Enforcement and Intelligence

Breached water plant employees used the same TeamViewer password and no firewall | Ars Technica

#### **Questions or Follow up**



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#### **ICS RESOURCES**

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