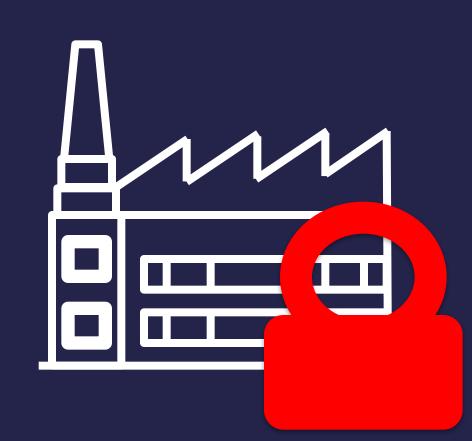
The Threat of Ransomware in Energy Delivery Systems

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To:chief.executive.officer@gotham.city.power.com From:chief.security.officer@gotham.city.power.com

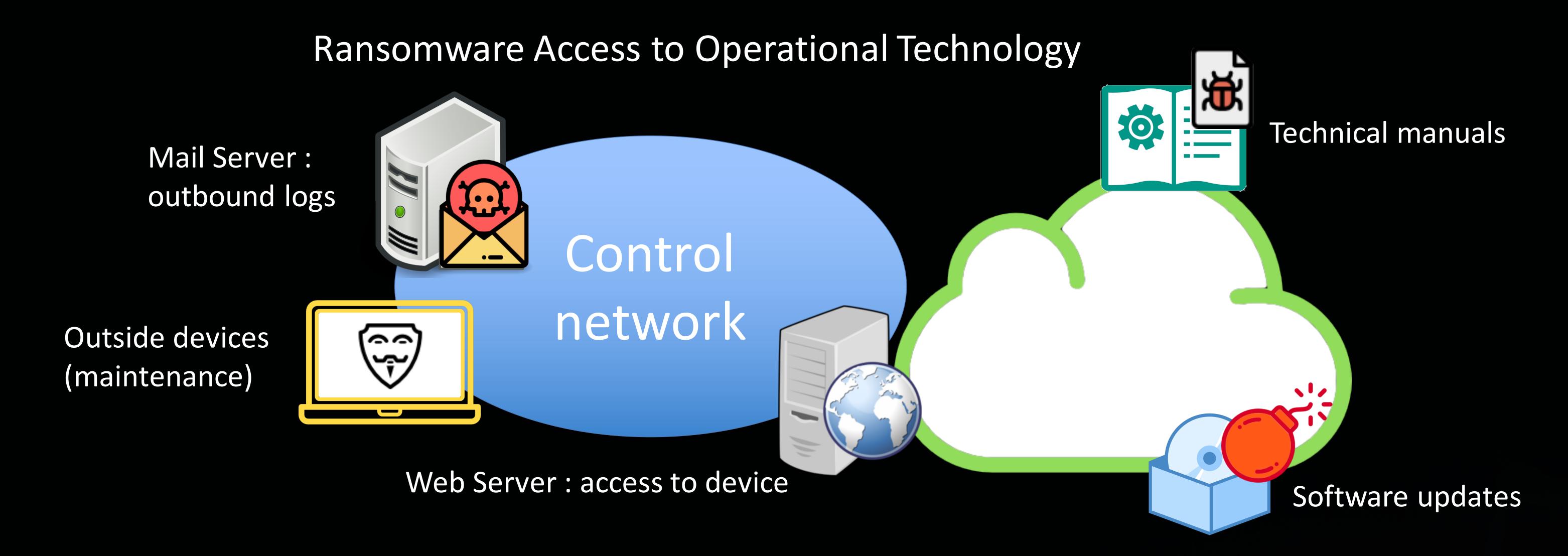
Mr CEO---this message is not authored by your CSO. We are the Citizen's Alliance for Clean Energy, and we have control of your cyber systems, in particular, of your Moon River power plant. Ask your engineers, they've lost control of the plant.

Our software will cause destruction of its generators by midnight tonight, unless you publically announce the plant's immediate retirement. On seeing this announcement we will tell you how you can disable that timer. Be aware however that any subsequent actions not directly connected to a shutdown will trigger the destruction.

Happy Halloween!

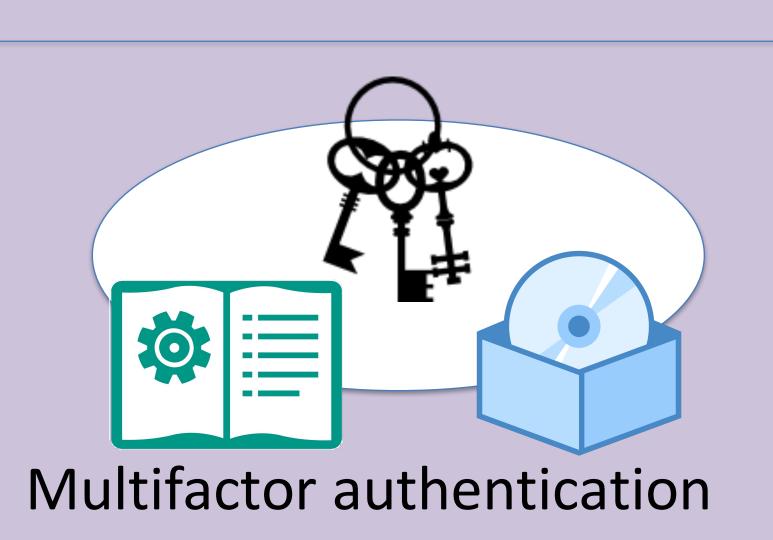
Citizen's Alliance for Clean Energy





Additional Prevention





Mitigation



Virtualized ICS networks & devices







Computational Cybersecurity in Compromised Environments 2017 Fall Workshop | October 23-25, 2017 | Atlanta, Georgia