



# Cyber Consortium Update

# Delek US Lab Update



Delek has chosen to Develop a Conceptual Process Control Simulation System for one individual process unit in each refinery, such as a Depropanizer, which is a type of distillation unit that removes propane from liquids

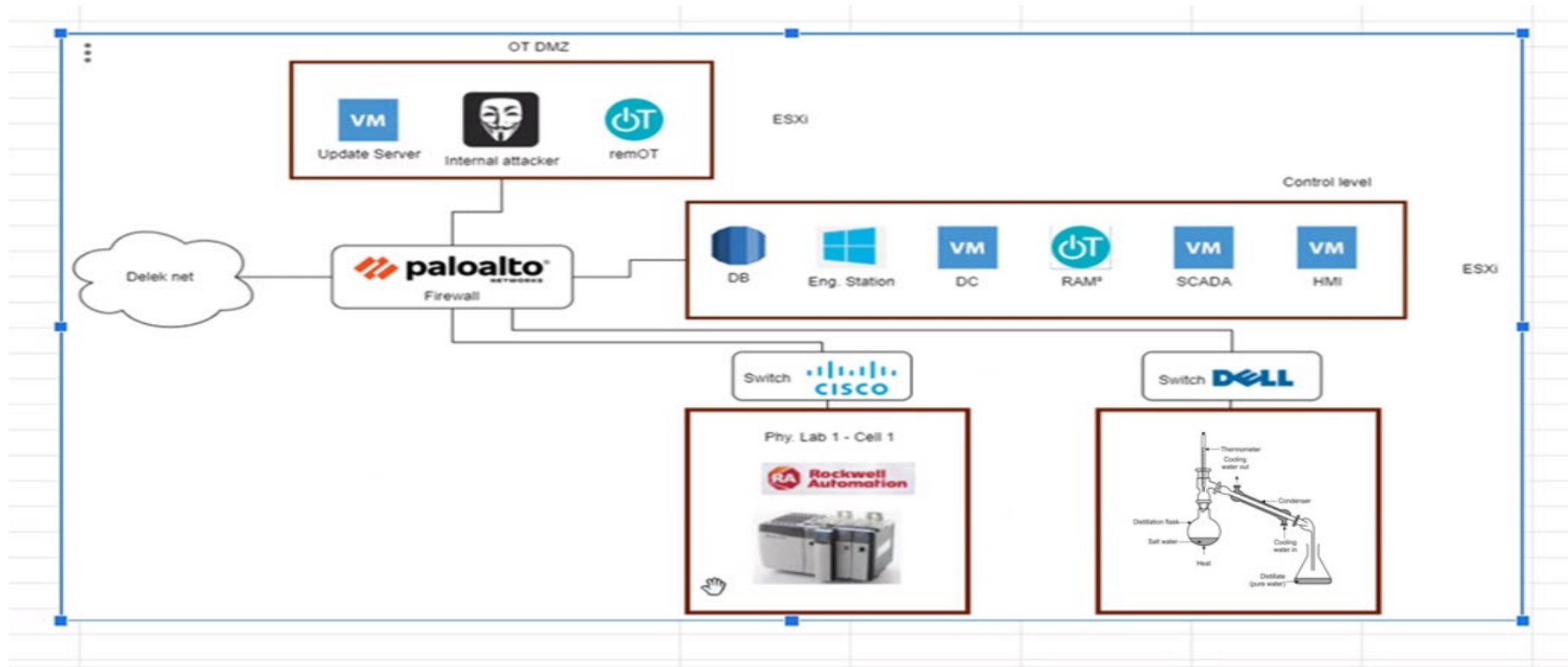
- The simulator shall be based on existing HMI Process Screens.
- Process will be based on Tyler Refinery Distillation Process and located in Brentwood HQ



## Next Steps

- Development of the Distillation Unit & Integration
- Development of Cyberattack simulation module
- Map relevant attack scenarios for each use case
  - Including Data Sources and monitored systems

# Delek US Cyber Lab POC



This is a Conceptual Process Control Simulation System for one individual process unit for one of the refineries, such as a Depropanizer, which is a type of distillation unit that removes propane from liquids. The Simulated Distillation system will be able to sit on a normal work desk and will be no bigger than 2ft in width.