

Protecting Critical Infrastructure: Water Utilities



Security gains using Goldilock:

- **Selective Isolation:** Being able to very selectively, isolate parts of any facility on-demand in the event of a cyber event taking place. A remote, more graceful “pulling of cables”.
- **On Demand:** Being able to very selectively connect any parts or ports of any facility on demand to be able to control / administer service as required, just in time.
- **Unmanned / Scheduled.** Permit scheduled access to remote services / unmanned facilities for an agreed period of time, beyond which connections are disconnected (or re-connected.)
- **Scheduled Sync:** Schedule the connecting or disconnecting of services for data sync or updates or out-of-hours protection
- **Automation.** Every facility has automated components. Larger facilities have more hackable automated components.
- **Security.** It is government-mandated to have all recordings of security cameras saved in back up. Hacked cameras and tampered with records are a major problem for a facility. Being able to isolate records retentions help protect the mandate.



Reliable, safe access to water plays an essential role in modern life but cyber attacks against critical water infrastructure have a high potential to cause significant disruption and public health risk.

A combination of legacy systems, inherently geographically dispersed SCADA / operational technology (OT) environments, and growing connectivity to more users and IT systems can put water facilities at risk of cyber attacks that can disrupt our access to safe water.

Protecting Critical Infrastructure is key and Goldilock is well-placed to offer the required cyber defence. Offering globally unique product that facilitates instant, remote connection & disconnection, Goldilock can offer the best protection for Water Utilities operational technology.

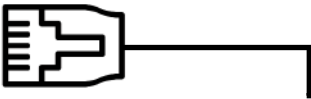
Traditionally, Operational Technology (OT) tends to be remote, poorly maintained and therefore open to compromise yet they control key public services like water. Being able to isolate or ring fence them lets them continue to operate but let's operators access controls as there need to in seconds using Goldilock's out-of-band controls.



Goldilock Drawbridge is a **physical cybersecurity solution** that saves manpower, time, money, and nerves. It allows users to issue an authenticated remote non-IP command to instantly physically isolate and ring-fence control systems within seconds, from, and to, anywhere on earth. The asset is then completely safe and un-hackable because it is physically disconnected from the network.

Our “Non-IP” – or non-internet enabled command, is significant, because the method of control is completely taken away from the potential attack vector – the internet itself.

Furthermore, Goldilock Drawbridge is triggered by port, so disconnection and isolation can be very **granular** – right down to the network segment or endpoint.



Network Circuit-Breaker

Control any type of network in an emergency. React dynamically to network stresses and overloading.

Control Untrusted Third-Party Networks

Avoid 'always-on' access to the core networks and mitigate risks of indirect cyber-attacks. Time limit access by third party suppliers that are required to carry out work.

DevOps Segregation

Control the business risk of having customer facing systems disrupted. Create a secure procedure between development, testing and production deployment.

OUR MISSION

Goldilock provides a simple to deploy non-IP solution for remotely connecting & disconnecting networks & data – on-premise and as cloud-delivered SaaS, all at affordable cost.



Established in 2018, Goldilock delivers powerful yet simple solutions to cyber security threats.

Organizations can take back control of their cyber defense using our human-machine teaming.



Layer 1 switching technology fused with Goldilock CORE engine, on-board industrial CPU. A unique appliance – install anywhere on network in minutes, without complex forklift upgrades.

Disconnected | Invisible | Convenient

sales@goldilock.com



[/goldilocksecure](https://www.linkedin.com/company/goldilocksecure)



[@goldilocksecure](https://twitter.com/goldilocksecure)



Goldilock