

Waterfall Security Solution Resolution # 25-1420

- Functional Overview of the Waterfall Unidirectional Security Gateway Solution
- Timeline of events
- Contract structure
- Resolution Overview
- Presentation from the Committee to Cut the Waterfall Contract



What is Waterfall and How Does it Support SPRWS?

1 CONNECT

an industrial network safely
to an IT network

2 PROTECT

the industrial network with
hardware enforced technology

3 REPLICATE

real-time operational servers
to the enterprise IT network





Hazel Park Pump Station

[Print Scre...](#)

Logged In: 1

[Lock Screen](#)
[Switch User](#)
[Logout](#)

09:06:14 AM

09/03/2025

Address: [REDACTED]

Runtimes

Pump 1	52,038 Hrs	Pump 3	4,554 Hrs
Pump 2	30,929 Hrs	Pump 4	37,512 Hrs

Power

Current 0 KW

PM 5000

Off Peak

Day of Month

5th

Monthly Total

12,300 KWH

Monthly Max

1,066 KW

On Peak

Day of Month

2nd

Monthly Total

8 KWH

Monthly Max

4,441 KW

[Pump Control](#)[Setpoints](#)[Tank Selection](#)[PM 5000](#)Suction Pressure 52 PsiDischarge Pressure 84 PsiStation Temperature 77 °FClosedPump 1
150HP[Auto](#)
[Computer](#)
[Not ready](#)
[Lead](#)Pump 3
200HP[Man](#)
[Computer](#)
[Not ready](#)
[Unused](#)Pump 2
200HP[Man](#)
[Computer](#)
[Not ready](#)
[Unused](#)Pump 4
200HP[Man](#)
[Computer](#)
[Not ready](#)
[Unused](#)

Flow

Flow 0 GPMToday 2,420,000 GalYesterday 5,180,000 Gal

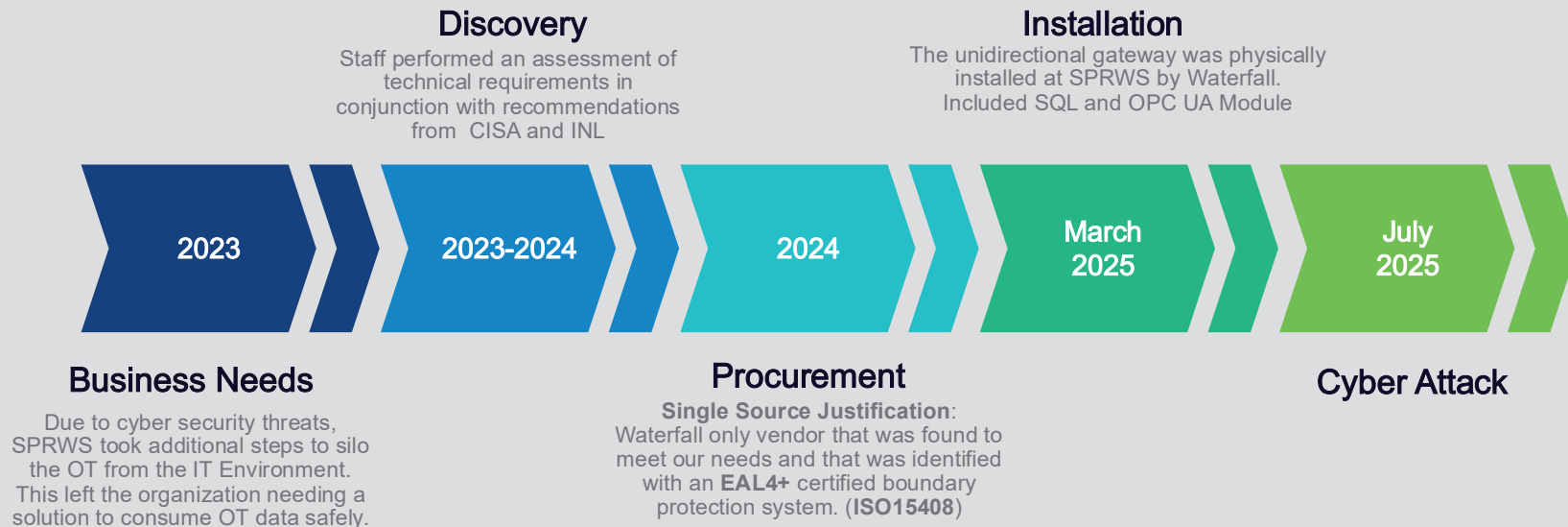
Flow Meter 1

0 GPM

Flow Meter 2

0 GPMClosed

Waterfall Security Solution Timeline of Events



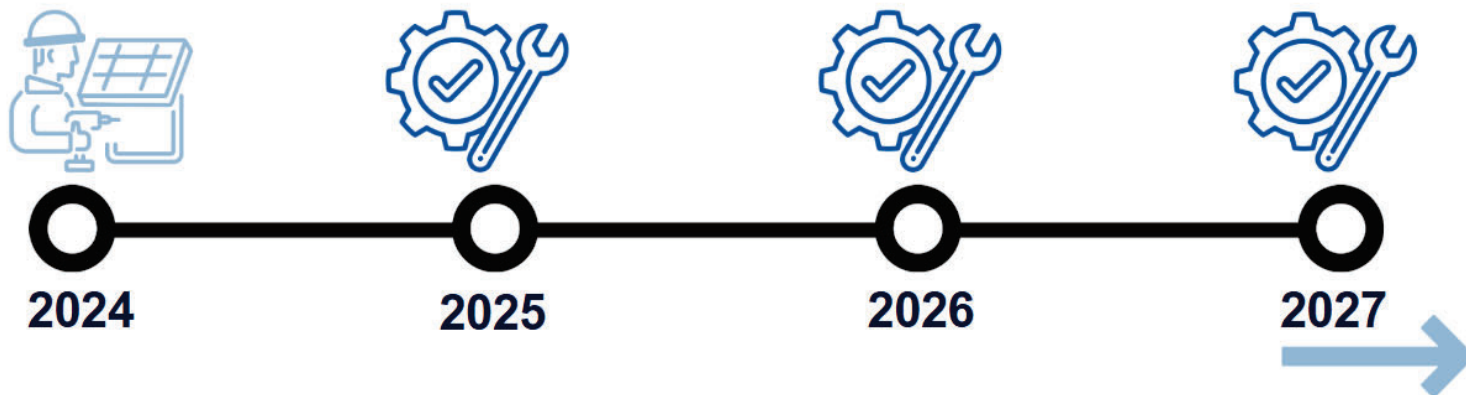
How is the Waterfall Contract Structured?

Initial Investment: ~\$100,000 purchase and installation (2024)

Ongoing Cost: ~\$10,000 annually thereafter for maintenance and support

Renewal: Contract for continued maintenance automatically renews each October

Termination: SPRWS can opt out with notice, but the installed device would no longer be supported



Renews annually indefinitely until cancelled

****Non-renewal notice must be sent at least 60 days prior to the end of the subscription period**

Resolution 25-1420

Resolution # 25-1420 affirms the continued use of Waterfall Security Solutions' unidirectional gateway as a necessary, time-sensitive cybersecurity measure.

The resolution also directs staff to issue a request for information (RFI) to evaluate alternative solutions that meet technical and functional requirements.

We have invited the Committee to Cut the Waterfall Contract to speak on the topic. They have been asked to limit their presentation to 5-7 minutes.



Questions

