

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: [REDACTED]

Logout In: 0:00:00

[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	On Peak	Day of Month	2nd
Monthly Total	12,300 KWH	Monthly Total	8 KWH	
Monthly Max	1,066 KW	Monthly Max	4,441 KW	

On Peak

[Pump Control](#)[Setpoints](#)[Tank Selection](#)[PM 5000](#)

Suction Pressure 52 Psi

Discharge Pressure 84 Psi

Station Temperature 77 °F

Closed

Pump 1
150HP

Auto
Computer
Not ready
Lead

Pump 3
200HP

Man
Computer
Not ready
Unused

Flow

Flow 0 GPM

Today 2,420,000 Gal

Yesterday 5,180,000 Gal

Pump 2
200HP

Man
Computer
Not ready
Unused

Pump 4
200HP

Man
Computer
Not ready
Unused

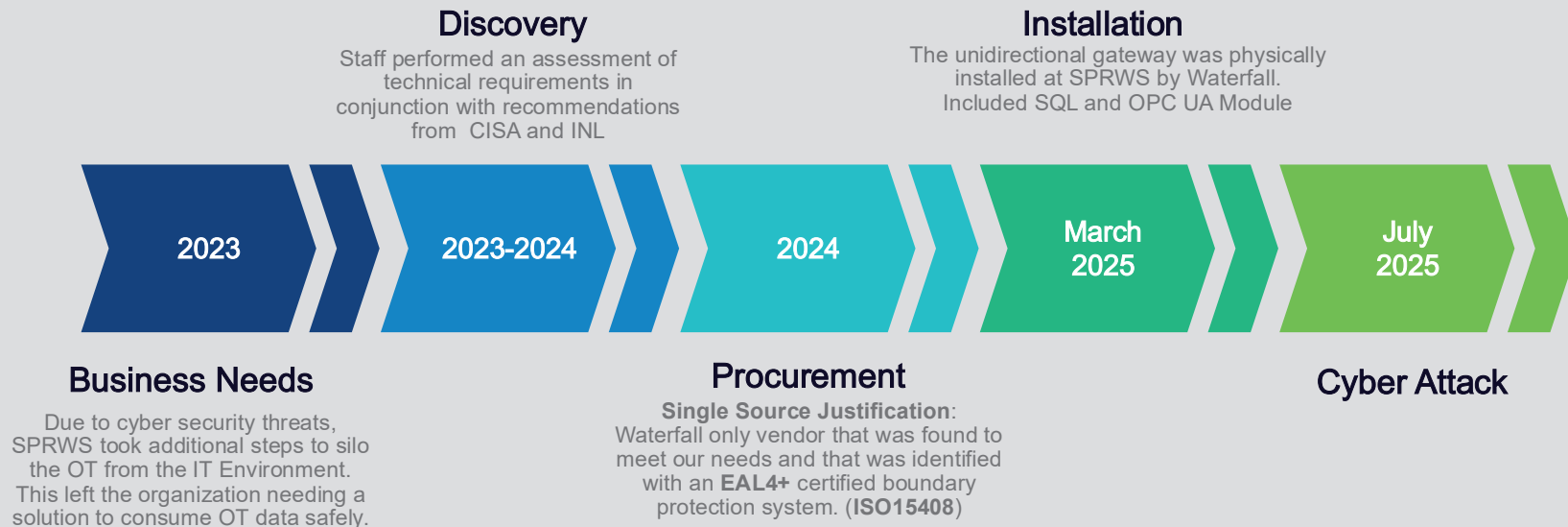
Flow Meter 1

0 GPM

Flow Meter 2
0 GPM

Closed

Waterfall Security Solution Timeline of Events



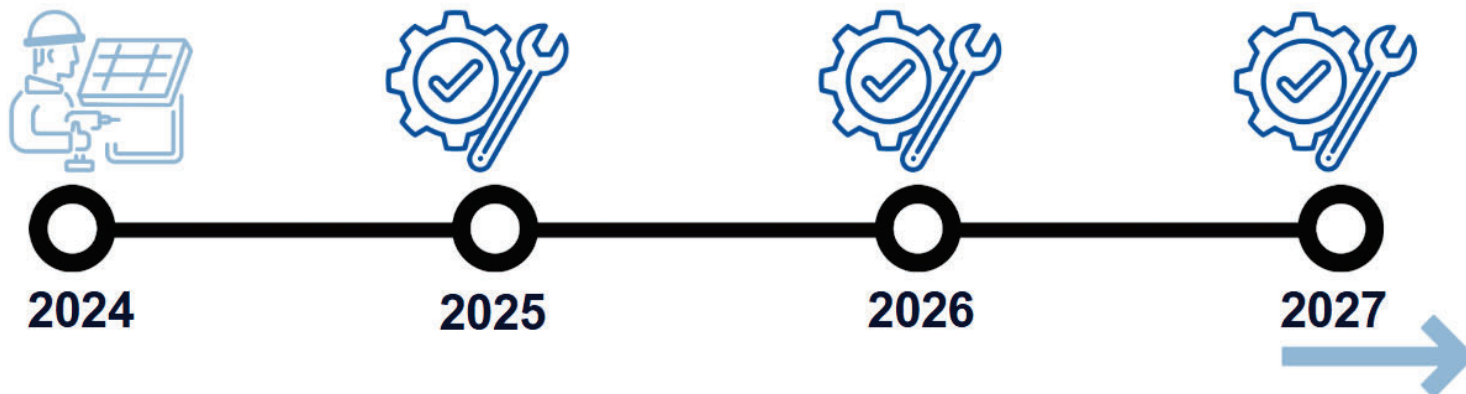
How is the Waterfall Contract Structured?

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

