



## Information Technology Department

201 Delafield Street  
Waukesha, Wisconsin 53188-3633

**Chris Pofahl, Director**

[cpofahl@waukesha-wi.gov](mailto:cpofahl@waukesha-wi.gov)

1-262-524-3566

<b>Committee:</b> Information Technology Board	<b>Date:</b> 2022-01-25
<b>Common Council Item Number:</b> 22-3509	<b>Date:</b> 2022-02-02
<b>Submitted By:</b> Chris Pofahl	<b>City Administrator Approval:</b> Kevin Lahner
<b>Finance Department Review:</b> Denise Vandenbush-Kohlmann	<b>City Attorney's Office Review:</b> Brian Running
<b>Subject:</b> CIP Backup Replacement Project	

### Details:

There is an approved 2022 CIP project to replace the current backup system. The IT department has been reviewing different solutions and has found that Cohesity fits our needs the best, and also has the lowest cost. Cohesity is an on-premises system, and will have 150TB of storage, which is enough for 30 days of backups. A copy of each back up will be replicated to Azure storage where we will have enough storage for to meet our retention needs.

The IT department has tried multiple different backup solutions to try to reduce costs, and still meet the our backup needs. We have tried using Microsoft's Azure based backup solution, we have tried to use a software-based system on inexpensive hardware. All of the things we have tried have had their own short comings: poor performance, poor support, managing two separate systems, and vendors pointing the figure at one another.

Cohesity is a solution that is owned by one vendor, and according to Gartner, is a leader in enterprise backup and recovery solutions. A few features that sets Cohesity apart from other solutions, and that we (IT) like about the Cohesity:

- Detect, protect, and recover quickly from ransomware attacks.
- Can backup on-premises or cloud-based solutions.
- FIPS 140-2 encryption in transit and at rest.
- Supports MFA for authentication.

### Options & Alternatives:

**Financial Remarks:**

This project is accounted for under account 1917.68160.81204. The approved amount for the project is \$120,000.00. The total cost of the project with 3 years of support is \$107,291.14, which will be covered by the CIP budget. Annual support for Cohesity will be \$32,865.00 a year more than the current back system in 2025. To offset some of these increased costs, we will use savings from either replacing, or discontinuing the use of existing products. Year-to-date there are \$24,600 in known savings. To plan for the \$8,232.14 that will be needed in 2025, IT will increase it's operational by \$4,116.00 in 2023, and by that same amount again in 2025.

**Executive Recommendation:**

Recommend and approve the contract with Cohesity.