

TRANSFORMYX HELPED AN INDUSTRIAL CONSTRUCTION COMPANY BUILD A MODERN IT INFRASTRUCTURE TO IMPROVE CONNECTIVITY AND ENABLE DIGITAL TRANSFORMATION

WDJ Industrial Group (WDJ) made a decision to break away from their parent company to become a stand-alone entity and provide services to the utility, industrial, and water/wastewater industries. Although the spinoff allowed WDJ to become a more focused company, it also left them without IT support or an IT infrastructure that could connect their disparate locations and remote sites to key resources. As a technology leader in the industrial and construction space, we helped WDJ leverage Cisco Meraki and HPE technology to build and support a modern IT infrastructure that enabled them to overcome challenges, as well as drive digital transformation across their operation.



Client: WDJ Industrial Group

Industry: Industrial construction

Locations: 4 physical locations and 2 remote sites

Size: 115 employees

Challenges and priorities:

- Unifying disparate locations under one network
- Connecting remote sites to key internal resources
- Upgrading existing desktops to Windows 10
- Simplifying IT management and enabling IT cost allocation by consolidating under a single vendor

The situation, needs, and challenges

After the split from their parent company, WDJ knew they were going to lose most of their IT infrastructure and support. Leadership wanted to act quickly because in addition to their infrastructure and support needs, they were also under the gun to address other business and technology challenges that would come with the transition. Specifically, their needs and challenges included:



Building a modern IT infrastructure

Rather than just replacing what they lost, they wanted to modernize their IT infrastructure



Unifying locations under one network

As a growing multi-location business, they needed a flexible, unified network foundation



Connecting remote sites to resources

They needed a secure way to connect remote construction sites to key internal resources



Upgrading desktops to Windows 10

The desktops WDJ was left with all required a Windows 7 and productivity software update



Consolidating to a single IT vendor

They wanted to enable IT cost allocation and simplify management by moving to a single IT vendor

WDJ began searching for IT companies who could help them address these needs and challenges – ultimately narrowing their decision down to Transformyx and one other vendor. After much consideration, WDJ chose us because of our experience and knowledge with business transformation projects of this size.

The Transformyx solution

In addition to appreciating our state-of-the-art facilities, WDJ was impressed with our customer-first approach and the discovery process we followed to truly understand their goals and the way their business functioned. We were able to take that information and show WDJ how Cisco Meraki, HPE, 3CX, and our cloud and managed services would provide a digitally-enabled infrastructure, and a perfect fit for what they wanted to accomplish.

WE ARCHITECTED A STRATEGIC SOLUTION TO DELIVER ON WDJ'S DESIRED OUTCOMES



Cisco Meraki and Duo

Cisco Duo was deployed for two-factor authentication along with Meraki MS120 switches, MR42 access points, and MX67 Firewalls with SD-WAN capabilities and LTE SIM cards to provide secure file access and connectivity for remote construction sites



HPE servers and Veeam

HPE Tower servers were implemented at their 4 physical locations to host WDJ's active directory and large production files, as well as run Veeam software for backup both locally and in Transformyx's secure, industrial-grade data centers



3CX hosted voice

A 3CX cloud-based, hosted phone system was rolled out to enhance communication capabilities across their business, increase mobility and productivity of their employees, and lower costs compared to their existing phone system



Transformyx services

In addition to managing the entire Cisco, HPE, and 3CX infrastructure, we are providing fully-managed desktop support for their 115 employees and rolled out a unified instance of Office 365 and cloud back-up to improve business continuity

After several demonstrations and a proof-of-concept, WDJ approved our solution. We began by creating a map of their existing infrastructure and a roster of their current employees so we could be ready to provide immediate support. During the rollout, our implementation teams also took the time to fix cabling and fiber issues that came with the other infrastructure WDJ had inherited from their parent company.

The results and ultimate benefits

Our solution created a modern IT infrastructure for WDJ with simplified management – and Meraki's SD-WAN capabilities improved their ability to securely connect employees to key resources anywhere they were working. WDJ continues to see major benefits, and has even contracted us for additional services to continue to build out their best-in-class infrastructure.

IT benefits

- Secure connection to internal resources from any location
- A cohesive network with single-pane-of-glass management
- Simplified daily management for their IT team
- Improved network speeds and functionality

Business and financial benefits

- Having a single, capable IT vendor to deal with
- More consistent cost structure for IT
- Ability to cost allocate IT to each of their projects
- Improved communication capabilities at every location

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At Transformyx, we're helping organizations in the industrial and construction industry modernize their infrastructure and improve operations. If you'd like to learn how you can benefit from Cisco Meraki or Transformyx cloud and managed services, schedule a meeting today by visiting www.transformyx.com/contact.