



## 2024 SUMMER SYMPOSIUM

RICHMOND, VA

PARTNER ASSOCIATIONS



## DAY ONE AGENDA

LOCATION: DOMINION HEADQUARTERS - 600 E. CANAL ST., RICHMOND, VA 23219

EXPLORING I & I  
IN ACTION

# HARNESSING REAL SOLUTIONS

HOSTED BY



JULY 10	SPONSOR	TITLE	DESCRIPTION	SPEAKER/DEMO
12:45 - 1:15 PM		Arrival at Dominion HQ: 600 E. Canal St., Richmond, VA 23219	Load on bus to head to Dominion Training Center: 11501 Old Stage Rd., Chester, VA 23836. Bus will leave promptly at 1:15 PM.	<ul style="list-style-type: none"><li>Ken Maness, Executive Director UIIC</li><li>Will Farmer, Program Manager - Remote Sensing, Imagery Management &amp; Analytics, Dominion Energy</li></ul>
1:15 - 1:45 PM		Bus to Training Center	30 Minute Bus ride to Dominion Training Center	-
2:00 - 3:00 PM	Skydio	Outdoor Demonstration	First 30 minutes outdoor demonstration with drones, sensors, tools and software being utilized in the imagery and inspection space.	<ul style="list-style-type: none"><li>Corey Hitchcock, Utility Solutions Specialist, Skydio</li></ul>
3:00 - 3:15 PM	Concept X	Network Break	-	-
3:15 - 4:15 PM	Buzz Solutions	Integrated Asset Management with Drones, AI and GIS	Live demonstration with Dominion, Skydio, Buzz Solutions, and Esri.	<ul style="list-style-type: none"><li>Thomas Butler, Manager, Dominion Energy Unmanned Systems Group</li><li>Todd Barber, Director of Business Development, Buzz Solutions</li></ul>
4:15 - 4:30 PM	Concept X	Network Break	-	-
4:30 - 5:30 PM	SharperShape Connecting Utility Assets to Inspection Data for a safer world	AI Meets the Power Line: Revolutionizing Inspections with Digital Twins	The incorporation of AI-enhanced Living Digital Twins into the utility's workflow not only revolutionizes the way inspections are carried out but also empowers utilities to navigate the complex challenges of a rapidly changing industry. When used effectively, AI can enhance operational efficiencies, improve infrastructure reliability, and ensure the uninterrupted delivery of electricity in order to safeguard the communities utilities serve while contributing to a more sustainable and resilient energy ecosystem.	<ul style="list-style-type: none"><li>James Conlin, Project Manager, Sharper Shape</li></ul>
5:30 - 6:00 PM		Depart for Triple Crossing Brewery	Bus to Triple Crossing Brewery	-
6:00 - 8:00 PM		Dinner	Triple Cross Brewery (Downtown Richmond)	-

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# DAY TWO AGENDA

LOCATION: DOMINION HEADQUARTERS – 600 E. CANAL ST., RICHMOND, VA 23219

JULY 11		TITLE	DESCRIPTION	SPEAKER/DEMO
7:30 – 8:30 AM		Breakfast		
8:30 – 10:00 AM		UIIC Welcome; followed by Dominion Keynote	Dominion will outline its current efforts and a look ahead to the future.	<ul style="list-style-type: none"> <li>Ken Maness, Executive Dir, UIIC</li> <li>Gus Johnson VP, Grid &amp; Technical Solutions, Dominion Energy</li> </ul>
10:00 – 10:15 AM	 Concept X	Network Break	-	-
10:15 – 11:00 AM	 <b>Threco</b> <small>Connecting Utility Assets to Inspection Data</small>	Innovative Strategies to Reduce Operational Expenses	Join Jay Foringer, VP of Organizational Performance Management & Strategy, as he outlines a groundbreaking inspection approach that leverages advanced technology to revolutionize the management of transmission and distribution (T&D) assets. Jay will discuss how the integration of drone technology, tablet-based inspections, and third-party data sources such as field-based photogrammetry will create a centralized workspace for comprehensive analysis and decision-making. This innovative strategy will be extended across five states, aiming to reduce operational expenses while establishing a first-of-its-kind network inventory of T&D asset health. Discover how this approach not only enhances efficiency but also drives operational excellence & sustainability.	<ul style="list-style-type: none"> <li>Jay Foringer, Vice President of Organizational Performance Management &amp; Strategy, FirstEnergy</li> </ul>
11:00 – 11:15 AM	 Concept X	Network Break	-	-
11:15 – 12:00 PM	 <b>Buzz Solutions</b>	Benefits Realized from Implementing Remote Sensing for Transmission & Distribution	<p>There is no doubt that technology exists to improve the ways that work is being done. Does transitioning to remotely sensed monitoring and analytics result in financial and time savings?</p> <ul style="list-style-type: none"> <li>Cost Saving</li> <li>Reduction of outages</li> <li>Reliability Metrics – SAIDI / SAIFI / CAIDI</li> </ul>	<ul style="list-style-type: none"> <li>Vladyslav Anderson: Prin Quantitative Engineer, Exelon</li> <li>Eddie Williams, Director of Sales, Buzz Solutions</li> </ul>
12:00 – 1:00 PM		Lunch	-	
1:00 – 1:45 PM		LiDAR Data Capturing & Processing	Hear from Avista about their recent success with LiDAR collection, their validation of accuracy, the cost savings, and how capitalization on data collection is handled. Despite the initial expectations for use cases focused on transmission and distribution, Avista has found additional groups who have benefited from the work.	<ul style="list-style-type: none"> <li>Nick Lasko, UAS Program Manager, Avista</li> </ul>
1:45 – 2:00 PM	 Concept X	Network Break	-	-
2:00 – 2:45 PM		Best Practices in Damage Assessment	How can data be captured quickly and then be processed and quickly made available to different decision makers. UAS collection is one method, but how are utilities performing image-based damage assessment of larger geographies?	<ul style="list-style-type: none"> <li>Jun Zhao: Manager of Transmission and Substation Data Innovation, Eversource</li> </ul>
2:45 – 3:00 PM	 Concept X	Network Break	-	-
3:00 – 3:45 PM		Panel Discussion	West, Central, East – similarities, differences...where should we all share	<ul style="list-style-type: none"> <li>Robel Lulseged, P.E. Director, Engineering Standards and Maintenance Strategy, Oncor</li> <li>Babak Besharati, Sr. Manager, Advanced Analytics, Exelon</li> <li>Nick Lasko, UAS Program Manager, Avista</li> <li>Dexter Lewis, PE Pr Technical Leader Transmission, Substations, Distribution Energy Delivery, and Customer Solutions, EPRI</li> </ul>
3:45 – 4:00 PM		UIIC is YOURS – future topics for CoEs, Summit at DTECH 25	Open discussion around topics & information that can best benefit utilities on their given journey	<ul style="list-style-type: none"> <li>Ken Maness, Executive Director ,UIIC</li> </ul>
4:00 – 4:15 PM		Wrap Up & Adjourn	-	<ul style="list-style-type: none"> <li>Ken Maness, Executive Director, UIIC</li> </ul>

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