Drones in Construction: The Growth Of A Drone Program

Panel:

David Lim, Technical Solutions Executive

Jon Ferguson, Corporate Manager of Visualization

Austin Lay, Visualization Coordinator/sUAS Flight Specialist

Jay Ryoo, Engineering & Product Manager

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Takeaways from this panel

- How Layton uses drones
- The benefits to using drones on jobsites
- How to grow your own drone program



David Lim

Technical Solutions Executive

Autodesk

Skilled Design and Construction professional with over 20 years of successful project experience in Residential, Multi-family, Mixed-Use, Healthcare (OSHPD) and Commercial design and construction. I am also proud to have a proven track record of orchestrating teams to deliver projects on time, within budget and without compromising quality. Currently working as a Technical Solutions Executive with Autodesk where I am able to leverage my experience to bring technical solutions, process change and thought leadership to organizations in the design, construction and manufacturing industrie

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Make anything.



Jon Ferguson

Corporate Manager of Visualization

Layton Construction

Jon Ferguson is a Visualization expert with over 13 years' experience in the AEC Industry. Jon is currently the Corporate Visualization Manager with Layton Construction, overseeing all creative direction and pursuit graphic and visuals for the company. Since developing this aspect of the company 7 years ago, Jon has lead and developed industry leading innovations and game changing applications, contributing to a 208% growth in revenue generated, and $2 Billion dollars in acquired new work.

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Austin Lay

Visualization Coordinator/sUAS Flight Specialist

Layton Construction

Austin Lay is a Visualization Coordinator with Layton Construction, based in Salt Lake City, Utah. Austin has been with Layton for three years and is a graduate of Weber State University. Austin assisted in starting Layton's drone program just over two years ago when he became the first Part 107 license holder in the organization. Layton now has 24 licensed drone pilots with more to come. Austin also helped create a company-wide drone use policy. Drones have become a critical part of the construction process at Layton, where a mission is being flown every day of the week on current projects. Drones have been flown at projects from Hawaii to Miami.

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Jay Ryoo

Engineering & Product Manager

DroneDeploy

Jay Ryoo is a product manager at DroneDeploy managing the platform and integrations. DroneDeploy is the leading software platform for drone reality capture with an open platform and the largest ecosystem that allows customers to seamlessly bring a drone solution to their existing workflows. Since joining DroneDeploy, Jay has launched the DroneDeploy SDK and several integrations that connect DroneDeploy to industry standard software tools such as BIM 360 and PlanGrid.

DroneDeploy

Technology is best when it brings people together.

Matt Mullenweg

Talk about the events that prompted you to start a drone a drone program?





U of U Call Center-South Jordan, UT

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How do you get buy in from company executives?





Stein Eriksen Lodge-Deer Valley, UT

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At Layton Construction, what are the 3 biggest benefits to using a drone on a jobsite?





Databank- Bluffdale, UT

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What are some actual use cases, that Layton has?





MACU-West Jordan, UT

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How has the implementation of DroneDeploy been on jobsites? Trials? Successes?





Mtn. View Village Phase 2 - Riverton, UT

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In these cases you have just talked about where have you seen the most ROI?





The Summit - Summerlin, NV

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How soon should a person start using a drones in a construction schedule?





Apex – Park City, UT

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What has the experience been with the tools DroneDeploy offers when sharing the info with owners and stake holders?





Vanderbilt University-Nashville, TN

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What is the preferred hardware that Layton uses? Why?



Drones in Construction



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Talk about end to end solutions. What does your typical workflow look like?





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How has hardware changes made it possible to scale a drone program?





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What is or has been your biggest road block in this process?





Drones in Construction

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Where do you see the Drone industry in 5 years? 10 years?



Thank you


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