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INTERNATIONAL MANUFACTURING TECHNOLOGY SHOW

NEWS RELEASE

‘Smart(er) Shop’ Offers Byte-Sized Solutions for Cybersecurity, Rented Robots, and Connected Shops

McLean, Va. (October 23, 2023) — What can you do about cybersecurity when you are both the shop staff and the IT staff? Could a rented robot solve inspection challenges? Are sticky notes your idea of shop communication? Take 10 minutes and find out how to address these issues and more by watching Season 2 of “Smart(er) Shop,” an [IMTS+ Original Series](#), brought to you by [Autodesk](#), premiering Oct. 26 on [IMTS.com](#).

“Smart(er) Shop” features Ryan Kelly, the general manager for [AMT’s](#) San Francisco Tech Lab, and Adam Allard, senior manager of technical environments at Autodesk, who oversees [Autodesk Technology Centers across North America](#). Kelly and Allard offer up three budget-friendly, easy-to-implement ideas for small and medium-sized shops. They focus on technology, but you don’t need to be an IT wizard or automation expert to take advantage of the “byte-sized” solutions featured in Season 2.

Cybersecurity Tips From MxD

[Recent research](#) shows that manufacturing is the target for nearly one-quarter of ransomware attacks. To address this, the season premiere of “Smart(er) Shops” features Chicago-based [MxD](#), the national digital manufacturing and cybersecurity institute. The MxD team highlights six security practices from its free cybersecurity playbook that anyone can implement. Learn how to deal with tailgaters (someone riding your tail to enter a facility on your security badge), use encrypted USBs, set up allow-listing software, and more. For shops pursuing [Cybersecurity Maturity Model Certification](#) (CMMC 2.0) to obtain defense contracts, this two-part episode is a must-watch.

Connected Solutions

Filmed at the [Autodesk Technology Center](#) at Pier 9 in San Francisco, the second episode focuses on the benefits of a connected shop. The Autodesk team demonstrates the productivity and quality benefits possible with CAD-CAM software featuring built-in (and free!) drivers for [Haas](#), [Mazak](#), and other CNCs. In an era where too many shops write post-processor information on a sticky note and pray for good outcomes after pressing the cycle-start button, this episode drives home the benefits of a modern digital workflow. It also features a malicious penguin and channels “Young Frankenstein” to convey key points – you’ll just have to watch to appreciate the context.

Rental Robots for Quality Control

Episode 3 takes the team to [Topcon Position Systems](#), a leading global manufacturer of positioning systems for construction and agricultural equipment. Kelly and Allard learn that while human brains are great at recognizing patterns, they are lousy at concentrating on repetitive details, which creates a vexing inspection problem. Using a robots-as-a-service solution from [Rapid Robotics](#) paired with an AI-driven vision system from [Elementary](#), Topcon has eliminated a quality control issue that plagues many manufacturers. The best part: The solution hits the company's operating budget for about the daily cost of a lunch for two.

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About AMT – The Association For Manufacturing Technology

AMT – The Association For Manufacturing Technology represents U.S.-based providers of manufacturing technology – the advanced machinery, devices, and digital equipment that U.S. manufacturing relies on to be productive, innovative, and competitive. Located in McLean, Virginia, near the nation's capital, AMT acts as the industry's voice to speed the pace of innovation, increase global competitiveness, and develop manufacturing's advanced workforce of tomorrow. With extensive expertise in industry data and intelligence, as well as a full complement of international business operations, AMT offers its members an unparalleled level of support. AMT also produces IMTS – The International Manufacturing Technology Show, the premier manufacturing technology event in North America. www.AMTonline.org

About IMTS – The International Manufacturing Technology Show IMTS – International Manufacturing Technology Show – The largest and longest running manufacturing technology trade show in the United States is held every other year at McCormick Place in Chicago, Ill. IMTS 2024 will run Sept. 9-14. IMTS is ranked among the largest trade shows in the world. Recognized as one of the world's preeminent stages for introducing and selling manufacturing equipment and technology as well as connecting the industry's supply chain. IMTS attracts visitors from every level of industry and more than 117 countries. IMTS 2022 had 86,307 registrants, 1,212,806 net square feet of exhibit space, 1,602 booths, and 1,816 exhibiting companies. IMTS is owned and produced by AMT – The Association For Manufacturing Technology.

About IMTS+

IMTS+ is where you can find the personalities, innovations, and ideas that move the manufacturing industry forward. Watch, Read and Experience the stories around the power of manufacturing technology. Visit IMTS+ on IMTS.com and discover the stories on the people in manufacturing who are transforming technologies, changing the future, and providing opportunities throughout the U.S. and beyond.

About Autodesk

Autodesk is changing how the world is designed and made. Our technology spans architecture, engineering, construction, product design, manufacturing, media and entertainment, empowering innovators everywhere to solve challenges big and small. From greener buildings to smarter products to more mesmerizing blockbusters, Autodesk software helps our customers to design and make a better world for all. For more information, visit autodesk.com or follow [@autodesk](#). #MakeAnything



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