

# Laser-engraved floorplans & building security solution win top prizes at Hacking for Homebuilding competition

October 25, 2021



FlashPoint Recovery Systems. Courtesy Boise State Venture College

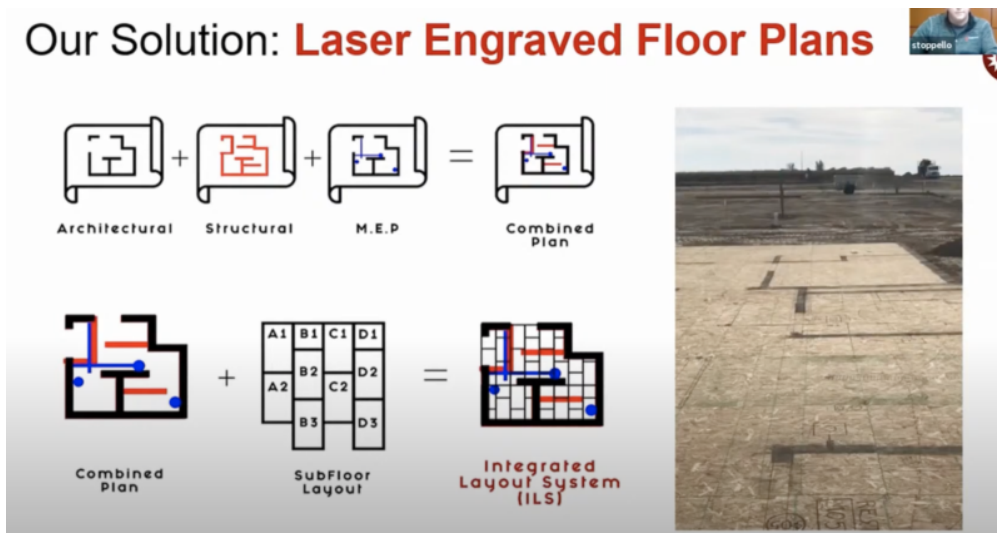


By Autum Robertson - BoiseDev Reporter

Boise State's Venture College and Boise Entrepreneur Week announced the winners for the **Hacking for Homebuilding challenge**. Competitors were tasked with identifying solutions to problems presented in the home building industry.

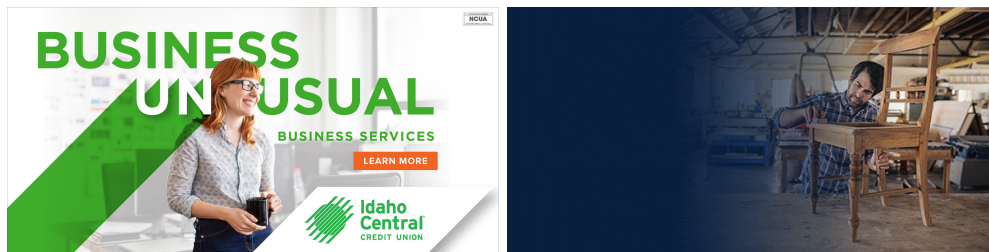
The competition featured a division for the public and a separate division for students.

## Engraved building plans



Flashpoint Building Systems' presentation

Of the public teams, FlashPoint Building Systems took home first place and the \$10,000 prize. The team made up of Nick Stoppello and Pat Churchman developed a patented process that uses a laser to engrave building information and plans onto the subfloor sheathing.



“The process allows for fast and easy installation, where vertical construction can begin immediately, at an unprecedented level of accuracy,” the team wrote in their project description.

Second place, which came with a \$7,000 prize, went to Revonate. Gabriel Blanchet, Paul Hlatky, James Spearman, Kati Gullick, Lucas Jaramillo, and Jefferson Sanchez created Revonate to save remodel contractors’ time and give consistent profit margins. The group said this is done by converting property owners ‘unqualified leads’ to permitted, planned, and ready projects.

[What’s a switchel? Innovative Idaho drink wins Trailmix competition for cash & Albertsons exposure]

“Revonate radically improves the interface between contractors and property owners in the \$430B+ home and small commercial renovation space by delivering expert design and preconstruction,” the team wrote.

CrewNotes by Beta Canon took third place and the \$3,000 prize. Karen Kohtz Dom Ramirez, Dustin Jones, and Michelle Helderman created CrewNotes to make on-site communication easier with voice notes.

## Student category

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VandalEyes took home first place and the \$10,000 prize. The University of Idaho's Tais Mitchell, Jason Talford, Mallory Buscemi, Joseph Sedillo, and Andrew Miller created VandalEyes to provide on-site security.

The team described their idea as a “multi-pronged solution with security kit installation, VandalEyes monitoring app, and a trailer ‘brain’ which is a centralized system with GPS and cellular monitoring capabilities.”

Boise State University's SiteSeer created Owl, a ‘one-stop shop’ for construction trailer security. The creator, Isaiah Grover, won the \$7,000 prize.

The University of Idaho's NeighborWood Surplus won \$3,000. Created by Landon Barney and Jesse Rasaka, NeighborWood helps contractors save money on disposable costs and offers affordable products to the public.

To learn more about Hacking for Homebuilding [click here.](#)



