



# One-of-a-kind R&D company lets innovation soar



Draper is a leading engineering innovation company that addresses important global challenges. Day after day, the company's scientists and engineers generate groundbreaking results across industries and disciplines. By partnering with Dell Technologies and using the most powerful and versatile digital solutions available, Draper transforms how IT can fuel innovation and drive human progress.

## R&D to improve people's lives

Draper's research and development efforts in space, on the ground, and in the cells of our bodies have the potential of advancing the health and wellbeing of millions of people.

### 5 breakthroughs led by Draper:

- 1 Organ-on-a-chip** enables fast, reliable medical testing on tiny models of human organs.
- 2 Microrobots** can jump, climb, and manipulate objects to assist search-and-rescue teams.
- 3 Autonomous systems** enable unmanned and robotic equipment to operate in the air, on land and in the sea.
- 4 Hemera** is a detection software that augments vehicular LiDAR technologies for adverse weather conditions.
- 5 Take-me-home button** allows astronauts to return to the safety of the craft when they become disoriented during a spacewalk.



"Everybody here has really great, innovative ideas. It's up to leadership to stand back and produce an environment where everyone feels comfortable sharing those ideas. That's what drives innovation."

**MICHAEL CRONES**  
CIO, Draper



## Reinventing the technology infrastructure

Draper has implemented Dell Technologies hyperconverged infrastructure, server and storage solutions, achieving remarkable efficiencies and savings. These, in turn, help accelerate the pace of innovation.



**30%** reduction in capital costs for data storage



**Significant reductions** in power consumption



decrease in **physical storage** footprint

## Enabling talent to thrive

Draper can be extremely flexible in accommodating change. The company equips all employees with mobile technology that fits their roles and provides them with secure, self-service access to software tools and data sources.



**1,800 employees** can work, communicate and collaborate from home or elsewhere.



**Day 1, hour 2** is when new employees receive their Dell mobile device.



"Our internal customers—engineers and others—are incredibly appreciative of the efforts that the IT staff makes to ensure their continued success by providing them with the right tools to execute program work."

**MICHAEL CRONES**  
CIO, Draper

## Ensuring flawless operations

Draper relies on Dell Technologies services to deploy solutions and keep them running at optimal performance.



**3 months** to deploy a new storage infrastructure and migrate data to it with Dell ProDeploy Plus.



**75% time savings** on support issue resolution with Dell ProSupport and Dell EMC Secure Remote Services.



Get the full story about how Draper drives transformation in our interactive ebook.