



# A stronger foundation for a global mission

United Nations Foundation uses mobile technologies and a new IT environment to empower employees to support the UN's work around the world more effectively



## Customer profile



<b>Company</b>	United Nations Foundation
<b>Industry</b>	Nonprofit
<b>Country</b>	United States
<b>Employees</b>	300+
<b>Website</b>	<a href="http://unfoundation.org">unfoundation.org</a>

## Business need

The United Nations Foundation needed to improve data protection and support future growth with a new IT infrastructure that gives its employees mobile capabilities around the globe.

## Solution

The organization deployed Dell laptops with Intel® Core™ processors, Dell management technologies and a Dell-based private cloud infrastructure to support its workers in its two offices and in the field.

## Benefits

- Empowers employees with mobile capabilities by implementing better communication and collaboration around the globe
- Helps the foundation support its mission
- Gives IT more time to focus on innovation and strategic initiatives
- Protects critical data from the network to devices in the field
- Cuts telecommunications costs by 50 percent, lowering IT budget by 35 percent

## Solutions at a glance

- **Client Solutions**
- **Data Center**
- **Data Security**
- **Endpoint Management**
- **Mobility**

“Technology is enabling us to be more effective in what we are doing. By partnering with Dell, we can break down barriers and do things better and faster. We can drive innovation, allow for job creation and economic growth, and help people reach their potential.”

*Jennifer Field, Vice President, Global Partnerships  
United Nations Foundations*

As the advocacy arm of the United Nations, the UN Foundation has an important mission: encouraging global support for UN issues such as climate change, health, peace and security, poverty eradication and women's empowerment. "We want to grow constituencies, mobilize resources, and ensure that everyone has the opportunity to support the UN and its causes," says Jennifer Field, vice president of global partnerships, United Nations Foundation.

To better support its mission, the organization needed to give its 300-plus workers greater mobile capabilities. "We are all over the world working with and supporting the UN, so having the flexibility to access work from anywhere is critical," says Edima Elinevinga, executive director of IT, United Nations Foundation. However, doing business globally was difficult, because most employees had to use loaner laptops to access data in the office through a virtual private network and remote desktop connection. The UN Foundation also needed to improve security capabilities. "We are subject to annual financial audits around our fundraising and grants, so we have to prove to auditors that we're doing everything we can to protect that data," says Brian Young, senior systems engineer of IT, United Nations Foundation.

The organization also needed to build a new IT infrastructure and data center for its new office in Washington, D.C. "We knew we needed to have an infrastructure that was going to be able to scale with us over at least the next five years, because we're growing and being future-ready was important for us," says Young.

#### **Giving employees Dell laptops and a new collaboration platform**

As a longtime Dell customer, the foundation chose Dell to implement new mobile, data center and security technologies. "Dell has powerful products that just work, and we've always had great support from Dell as well," says Andrew Matemu, IT manager, United Nations Foundation.

To support its increasingly mobile workforce, the UN Foundation deployed more than 250 Dell Latitude E7450 laptops with Intel® Core™ processors, encrypted with Dell Data Protection | Encryption (DDP|E). "These were the

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*Andrew Matemu, IT Manager,  
United Nations Foundation*

#### **Products & Services**

##### **Services**

Dell ProSupport

Dell SecureWorks Managed Security Services

##### **Hardware**

Dell Storage PS Series iSCSI SAN

Dell Latitude E7450 laptops with Intel® Core™ processors

Dell Networking S4810 10GbE switches

Dell Networking W-3400 wireless controller

Dell Networking W-AP105 and W-AP175 access points

Dell PowerEdge R520 and R620 servers with the Intel® Xeon® processor E5 family

##### **Software**

Dell OpenManage Essentials

KACE K1000 Systems Management Appliance

KACE K2000 Systems Deployment Appliance

Dell Data Protection | Encryption (DDP|E)

most powerful laptops we could find in the work environment,” says Matem. At the same time, the organization migrated to Microsoft Office 365 and Skype for Business so staff members could be more efficient and join audio and video conferences remotely. To support these technologies, the foundation worked with Dell to implement a Dell Networking W-3400 wireless controller and Dell Networking W-AP105 and W-AP175 access points in its new office.

### **Implementing a new private cloud and IT and security management solutions**

The UN Foundation also designed and launched a new private cloud solution, based on Dell PowerEdge servers with the Intel® Xeon® processor E5 family, which runs on VMware® virtualization software that relies on Dell Storage PS Series arrays. The environment is configured with Dell Networking S4810 switches. “The Dell PowerEdge servers have plenty of capacity not only for existing workloads, but also for the future,” says Young. “And the Dell Storage PS Series arrays are exceptionally easy to use. Dell storage has always stood out in terms of its interface and reliability.” The UN Foundation chose Dell Networking for its performance. “We had to prepare for more of an enterprise-grade infrastructure, so we went with the Dell S4810s in the core and s50n for distribution, which have excellent specs from a latency and throughput perspective,” says Young.

To improve security, the UN Foundation partnered with Dell SecureWorks, which provides managed network security services. “Dell SecureWorks gives us 24x7 eyes and ears on our network,” says Young. The foundation also started using OpenManage Essentials software to manage updates and maintenance of its virtualized server environment, and the KACE K1000 Systems Management Appliance and K2000 Systems Deployment Appliance to manage inventory and deploy images to 450 desktops, laptops and servers. The

organization also uses Dell ProSupport for all its Dell enterprise products.

### **Enabling mobility and improving collaboration for employees worldwide**

UN Foundation employees can now work wherever they are. “Our employees do not have to worry about being in the office to access IT resources because of the Dell laptops and our new unified communications infrastructure,” says Elinewinga. “People now have the flexibility to work from any country, and they can join online meetings as if they were sitting in the office.”

Employees can also collaborate within the organization more effectively. “Dell helped us transform our culture to become more collaborative,” Elinewinga says. “For example, an employee in the field can now co-author a document with someone in our Washington, D.C., office.” Collaboration is also better in the new office, thanks to the organization’s new Dell Networking wireless infrastructure. “We have built-in communication with our Skype for Business voice servers in our Dell Networking wireless controller, so traffic is optimized over wireless, and people can work efficiently in the common areas of our building,” says Young.

### **Providing better support for the mission**

With its new mobile capabilities and improved collaboration, the UN Foundation is able to better support its global mission of mobilizing resources to support the causes the UN stands for. “Technology is enabling us to be more effective in what we are doing,” says Field. “By partnering with Dell, we can break down barriers and do things better and faster. We can drive innovation, allow for job creation and economic growth, and help people reach their potential.”

### **Driving business innovation through new IT capabilities**

The foundation’s IT team can now focus more of its time on enabling the business. “It used to take up to six

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*Edima Elinewinga,  
Executive Director, IT,  
United Nations Foundation*

hours to image a system and install applications,” says Matemu. “Now, using the KACE K2000 Appliance, we have a machine ready to go with all applications installed within an hour. That saved us time when we were transitioning from desktops to laptops.”

With more time at their disposal, the foundation’s IT staff can help the UN Foundation stay innovative. “In the past, I used to spend more time worrying about hardware and software, but with the Dell and Intel® technologies we have the opportunity to be more innovative, think more strategically, and align IT with the business, rather than focus on the IT infrastructure,” says Elinewinga.

### Protecting data and devices

The organization now has stronger protection for its fundraising and grants data. “If there’s a network intrusion that meets a certain threat level, Dell SecureWorks will contact us immediately,” says Young. “For us, it’s like having a security expert on our staff without having to add another person. We’ve had incidents where Dell SecureWorks detected malicious traffic, and that’s huge for us. We were able to deal with it immediately and we can give reports to our auditors that show those hacking attempts or intrusions were found, and that they were blocked.”

The UN Foundation can also protect the laptops employees use every day throughout the world. “Our employees travel with their laptops all over the world and sometimes to places that are considered security risks,” says Matemu. “We have peace of mind with Dell Data Protection | Encryption, and we know our data is secure.”

### Reducing telecommunications costs by 50 percent and IT budget by 35 percent

New mobile and unified communications technologies have helped the foundation reduce unnecessary staff travel. “We have reduced our telecommunications costs by 50 percent because our employees can use Office 365 and Skype to communicate and collaborate with anyone from anywhere in the world,” says Elinewinga. “And Dell has helped us reduce our IT budget by 35 percent, by enabling us to achieve our goals of delivering an efficient, cost-effective and secure IT infrastructure.”

### Equipping the foundation to be ready for the future

Overall, the foundation’s new technologies provide an infrastructure that will facilitate future initiatives. “We are now future-ready thanks to Dell,” says Elinewinga. “We have built a hybrid infrastructure that is ready to scale, support and integrate with cloud services and applications.”

And the organization will look to build on an already successful relationship with Dell. “We’ve partnered with Dell on initiatives like the Girl Up campaign, which is empowering teen girls in developing countries, and a global entrepreneurship program to drive economic growth in key countries,” says Field. “The UN Foundation is about transformative change so people can reach their potential no matter if they live in Kenya, Turkey or Japan. We are partnering with Dell to drive that change.”

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*Brian Young,  
Senior Systems Engineer, IT,  
United Nations Foundation*

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