



Intel's Approach to Disaster Relief

"Intel's support [after] the Haiti earthquake has enabled ... World Vision to deliver humanitarian programs to many in Haiti in their time of need. When World Vision's discussions with the United Nations led to our mandate to build a shared Humanitarian Response Data Center, Intel rapidly reviewed its available physical and engineering resources and offered a 40-foot mobile data center, servers, and virtualization services—and catapulted the initiative months ahead of schedule."

Lou August,
World Vision International*

Combining donations and technology for maximum impact

When earthquakes, floods, or other natural disasters occur around the world, Intel and its employees are quick to respond with generous donations of service, cash, and technology. As a global technology leader, we design disaster recovery programs to achieve the greatest impact by leveraging Intel's technical expertise and competencies.

Learning from experience

Intel's multifold approach to disaster relief has evolved over time, as we have learned from experience what types of assistance are most beneficial in the hours and days after a catastrophic event, and in the months—and even years—that follow. Increasingly we have shifted our resources from initial rescue and relief efforts to longer-term restoration and sustainable improvements in the lives of people in affected regions. This approach allows us to assess the effects of each disaster and better maximize the impact of the expertise, cash, and in-kind donations we provide. The nature of a catastrophe and each location's existing infrastructure, environment, human potential, and geography combine to create a set of long-term needs that is unique in each location. Our efforts often include collaboration with NetHope*, a consortium of relief organizations that focus on IT infrastructure needs, to ensure that relief experts have the technology tools they need to function effectively in the field.

Initial relief

Our initial response to a catastrophic event generally begins with our employees. We encourage employees to donate to the disaster relief organizations of their choice. The Intel Foundation matches the amount of employee contributions, increasing impact by donating the matching funds to one or more key organizations. The Foundation and Intel Corporation may make additional donations of cash, goods, and services to maximize the potential of Intel's core expertise and capabilities in addressing the unique circumstances of a catastrophic event. Immediately following the devastating earthquake in Haiti in January 2010, for example, the Intel Foundation pledged \$250,000 to relief efforts, and agreed to match employee donations up to \$2,000 per employee. One month after the quake, Intel giving for Haitian relief had already topped \$3 million, including Intel Foundation and Intel corporate donations, as well as over \$1 million from employees.

We believe that technology can be used to help solve some of the world's biggest challenges—including disaster recovery. Shortly after the Haitian earthquake, Intel delivered hundreds of laptops into the hands of aid workers from World Vision to enable them to organize their rescue and relief efforts, communicate within Haiti, and communicate with the outside world.

Rebuilding for sustainability

After Intel has extended initial relief support, we begin collaborating with local leaders to address rebuilding in disaster-hit regions. In keeping with our philanthropic emphasis on improving education around the world, much of our rebuilding assistance focuses on getting children back to

school. While Intel rebuilding projects in Haiti are still in the planning stage, they are well underway in China, where a devastating earthquake rocked the Sichuan Province in May 2008. Collaborating with the Chinese government in rebuilding schools—many of which were destroyed by the quake—Intel had by the end of 2009 established 156 technology-filled classrooms throughout the region, and taken several other steps to create sustainable, state-of-the-art learning environments**.

Below are additional details about Intel's responses following several disasters:

Taiwan. In the wake of a devastating typhoon in August 2009, Intel Taiwan partnered with other industry leaders, the Ministry of Education, and additional groups to supply 4,500 PCs for schools and community centers**.

Italy. An April 2009 earthquake in central Italy killed hundreds of people and left tens of thousands homeless. Intel's relief efforts in the region included working with NGOs and other business partners to supply computing and communications equipment, including laptops for students whose schools were destroyed. The Internet access that Intel helped provide enabled isolated villages to communicate with the rest of the world and to better coordinate aid efforts**.

India. Following November 2008 floods that destroyed the livelihoods of millions of people in Bihar, Intel employees, Intel Corporation, and the Intel Foundation, in partnership with ActionAid India, provided immediate relief funding as well as support for longer term recovery efforts. By the end of March 2009, about 600 families had received grants to help them set up income-generating activities, including poultry production operations, dairies, shops, rickshaw services, and other small businesses. Intel volunteers also worked to develop a technology solution based on the only communications devices working in the disaster-hit areas—cell phones—to help the United Nations Educational, Scientific, and Cultural Organization (UNESCO)* coordinate relief work.

China. Ten days after the May 2008 earthquake in China's Sichuan Province, Intel launched the iWorld initiative, aimed at establishing 200 "e-classrooms" equipped with computers, software, and Internet access. The goal was to quickly bring some normalcy back into children's lives, and to create cutting-edge learning environments rather than simply replace schools that had been leveled by the quake. The 156 e-classrooms that Intel had established in the region by the end of 2009 had benefited more than 100,000 students. Intel also extended its Intel® Teach professional development initiative throughout the area, helping over 3,200 teachers learn how to integrate technology and "real-life" active learning into their classrooms. Intel giving for Sichuan quake relief included close to \$800,000 in donations from employees. In addition, more than 2,800 Intel volunteers contributed over 40,000 hours of service to the iWorld project by the end of 2009. The success of the ongoing initiative has inspired other companies and foundations to expand the impact of the project beyond the schools that Intel originally targeted**.

United States. Intel's response to Hurricane Katrina, which hit the Gulf Coast in the United States in 2005, included leading a multi-company effort to donate thousands of laptop computers to the American Red Cross* for use in call centers and emergency shelters. The company also donated wireless Internet access points, helped establish network connectivity throughout the region; and assisted in the configuration, distribution, and installation of computing resources. In addition, Intel's Digital Health Group helped establish mobile hospitals across the area, and Intel Oregon employees set up a computer center at a shelter in Portland opened for 1,000 people displaced by the storm. Hundreds of Intel employees also provided technical support to help Katrina victims reach families, access emergency funds, process insurance claims, and search for jobs and permanent shelter. Intel's total contribution to Hurricane Katrina relief efforts topped more than \$11 million, including cash and in-kind donations of technology and technical support**.



Southeast Asia. Following the tsunami that hit coastlines in the Indian Ocean in December 2004, Intel and more than 13,000 of its employees contributed over \$4 million in relief. Contributions included helping to rebuild a school, open an Intel Computer Clubhouse, and support the creation of a vocational center in South India. The company also helped reconnect the Banda Aceh region of Indonesia to the rest of the world by creating a broadband wireless "umbrella" covering 600 square miles. The technology enabled humanitarian and disaster relief groups to communicate and better coordinate aid for people in need**.