



Creating Digital Communities

Building 21st-century communities ... transforming the way communities live, work and play.

Intel® Solution Services, Intel Corp.'s worldwide professional services organization, and the Intel Digital Communities Initiative bring together technology leaders and progressive cities worldwide to plan and deploy advanced digital services for communities.

These services transform communities via a solutions framework that connects government with businesses and citizens. Digital Community services are based on a digital infrastructure that includes wireless broadband connectivity, core computing technologies and interoperable applications. Service delivery takes advantage of metropolitanwide broadband wireless networks, such as Wi-Fi and WiMAX, as well as powerful yet affordable mobile computing and communications platforms based on Intel® architectures.

The result is efficient delivery of government services, improved safety and security, increased economic opportunity for businesses and easier access to informa-

tion for everyone. Intel is working with other industry leaders and governments around the world to help create digital communities. Citizens in Taipei, Taiwan; Cleveland, Ohio; Westminster, UK; Corpus Christi, Texas; Philadelphia, Pa.; and many others now enjoy Digital Community services that transform the way they live, work and play.

Digital Communities Solutions

Digital Communities solutions are available in preconfigured starter kits. The starter kits deliver turnkey solutions that enable municipalities to launch wired and wireless applications simply and easily. These solutions are developed in partnership with some of the most trusted names in technology and are optimized for Intel® Centrino® mobile technology-based notebooks and tablet PCs.

Mobile Inspections

The Digital Communities Mobile Inspections Solution automates inspections, permitting,

licensing and asset management. The solution extends access to information, departmental applications and status reports to the field over a broadband network. Field staff no longer must return to the office to handle paperwork. Instead, they easily input data, verify activities, check permit status and obtain comprehensive information wherever they are working.

Solution partners: *Accela, Panasonic, Intermec Technologies, Intel, Cisco Systems*

Video Mobility

The Digital Communities Video Mobility Solution gives security personnel and first responders in the field interactive access to live and archived information. Video and data can be viewed from any field or fixed location. Source devices can be controlled, in real time, from any wireless PDA, tablet PC or notebook with communications between all wireless and wired networked parties.

Solution partners: *Intel, Cisco Systems, AirVisual, Intermec and Panasonic*

Digital Communities Architecture

Digital Communities solutions are built on a four-tier architecture:

Mobilized Solutions and Services

Digital Communities bring together government agencies, businesses and citizens through applications for asset management, land management, video surveillance, emergency response and other key requirements.

Hardware Infrastructure

Mobile devices — laptops, notebooks, tablets and handhelds — deliver services and solutions to constituents and government.

Computing Infrastructure

Built on a service-oriented architecture, Digital Communities solutions use standards-based technologies that ensure security; enable geospatial and location-based services; and support intelligent documents, Web services management and document routing.

Network Infrastructure

Digital Communities solutions rely on a wired and wireless broadband foundation, which delivers standards-based interoperability and supports multiple network types and their associated communication protocols.

Disaster Management

The recently launched Digital Communities Disaster Communications and Operations Management Solution (DCOMS) delivers wireless communications and collaboration throughout all phases of disaster management. DCOMS equips communities to immediately restore communications and quickly link emergency management staff, volunteers, nonprofits, emergency responders, and displaced citizens and their loved ones.

DCOMS starter kits — configured for small, medium or large communities — deliver redundant wireless voice and data communications networks, mobile computing devices, and Web-based collaboration and communication applications. Cost-effective implementation models let communities deploy DCOMS to core users and quickly scale the solution when a disaster strikes.

Solution partners: *Simdesk, iPass, PacStar, HP, Cisco Systems, Intel*

Overview

Digital Communities Disaster Communications and Operations Management Solution

On Site



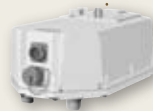
Multiple messaging services, alerts, maps and contact lists

- damage assessment
- team alerts
- maps
- content/database access

HP mobile devices powered by Intel® Centrino® Duo mobile technology provide access to information and tools.



PacStar instantly re-establishes communications via a mobile satellite WAN.



Cisco mesh network provides a self-healing wireless network across a predetermined area.

Near Site



People finder service and electronic forms in temporary shelters

- benefits enrollment
- registering evacuees and tracking their location
- inventory tracking

HP mobile devices powered by Intel® Centrino® Duo mobile technology provide access to information and tools.

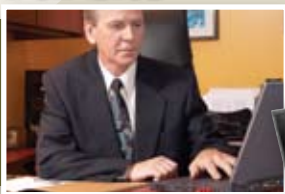


iPass provides multiple Internet connection options including dial-up, Wi-Fi, 3G or Ethernet.



Cisco mesh network provides a self-healing wireless network across a predetermined area.

Far Site



Situational awareness for elected officials and managers, as well as information for citizens

- status reports by ZIP code
- victim location information
- broadcast messages and alerts

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iPass provides multiple Internet connection options including dial-up, Wi-Fi, 3G or Ethernet.



Simdesk Web-based, hosted collaboration and messaging platform supports communication between impacted individuals and those beyond the affected area. It also enables victim-location applications and links victims to federal disaster relief resources.

DCOMS delivers:

- A secure Internet-based communications and collaboration platform accessible from any Web-enabled device.
- Wireless LAN connectivity to support everyday operations, as well as emergency response and disaster recovery.
- The capability to re-establish on-site wireless data, voice and video communications immediately after a disaster strikes.
- The ability for users to connect securely to any available Internet service — dial-up, Wi-Fi, 3G or Ethernet — from any location.
- Wireless notebooks, tablets and handheld PCs for core users, and necessary support and integration services.

Intel

To share our vision, visit www.intel.com/go/digitalcommunities

To learn more about how Intel Solution Services can help make your wireless initiative a reality, call 866/268-9812 or visit www.intel.com/go/intelsolutionservices