

HP Open Roaming

Stay mobile. Stay secure. Stay productive.



Now you can get service from the nearest wireless network most anywhere you go—with roaming access just like a mobile phone.

Today, everyone from executives and managers to sales staff and field technicians is using mobile technologies to stay connected to both the Internet and the corporate intranet. Wireless technology has the promise to significantly increase productivity—if mobile workers maintain a seamless connection as they move from place to place.



But staying seamlessly connected with the level of security needed to safeguard corporate data and confidentiality can be a major technical challenge. Not only are there different types of end-user devices—laptops, personal digital assistants (PDAs), and tablets—but there are also different public wireless services, wireless wide area networks (WANs), wired and wireless options for home connections, and corporate wireless local area networks (WLANs) to which users must connect.

To reap the full productivity benefits of mobile business, you need a solution that lets users move freely between networks while their devices automatically stay connected to the network—without requiring any action on the user's part. Now, with HP Open Roaming, your mobile workers can experience seamless connectivity for their laptops, PDAs, and other productivity-enhancing devices.



HP Open Roaming: a comprehensive, secure mobile connectivity solution

HP Open Roaming allows your mobile workers to move seamlessly between networks, maintaining a highly secure connection no matter where they are and no matter what type of device they're using. Plus, HP Open Roaming enables you to control the specific connection type and service provider, enhancing performance and minimizing connection charges.

Key benefits

- **Easy to use**—All settings are configured automatically using a process that's transparent to the end user
- **Highest security**—Helps provide secure access to corporate resources, protecting data and confidentiality
- **Continuous connection**—"Persistent" application connectivity keeps workers available, responsive, and productive
- **Standards-based**—Easily integrated with your existing enterprise infrastructure
- **Global**—Compatible with any network
- **Scalable**—Offers support for an unlimited number of users
- **Manageable**—Auto-connects only to available, approved networks; you control user logon and manage user profiles across all network types
- **Granular control**—Restricts access by network type and on a corporate, group, or per-user basis

Security is not optional

HP Open Roaming lets you protect your valuable corporate assets by choosing the appropriate level of data transport security. This includes virtual private network (VPN), a widely accepted technology and a basic necessity for businesses that use an open, untrusted network, like the Internet, or a common carrier service.

HP Open Roaming also provides:

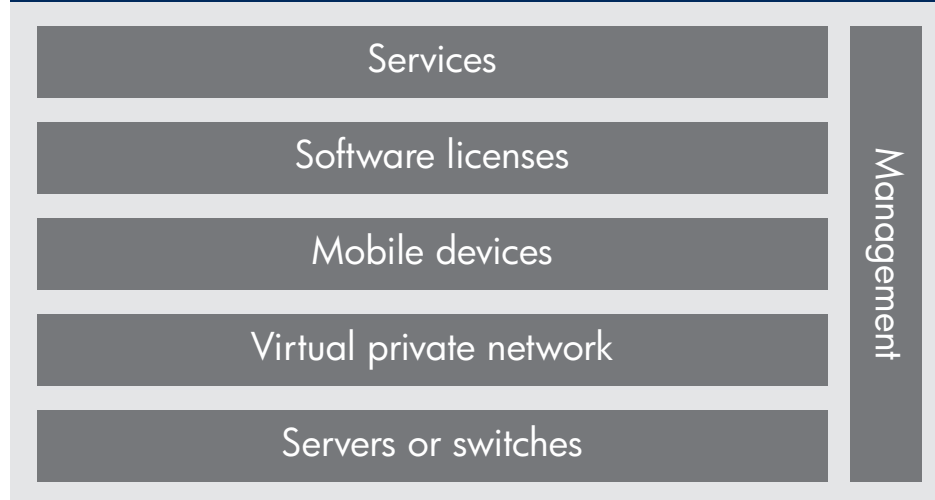
- Continuous security as the network connection changes
- A consistent logon process for all users
- Corporate security policies integrated into the auto-connect function
- High security, regardless of network type being used

HP Open Roaming: the standards-based, complete solution

HP Open Roaming is built using industry standards, including Internet Protocol Security (IPSec) and Wireless Transport Layer Security (WTLS), but will be implemented in a manner that provides everything you need for true mobility, from hardware and software to pre- and post-launch services. Our goal is to utilize your current investment by leveraging—not replacing—existing switches, routers, servers, and software to the most practical extent. Because our solution is "open," it can be easily integrated with whatever network and mobility capabilities you already have in place, extending their reach in a secure, user-friendly way. For example, you'll need client devices. You can choose from HP's extensive line of laptops, Pocket PCs, and PDAs, or you can use any standards-based devices. The same goes for the HP Open Roaming server—we'll supply one, or you can use another Windows®-based computer that meets HP Open Roaming specifications. We'll design the environment in conjunction with your security and IT department and deploy the final environment into full production use.

You'll also require network switches, routers, and a security solution: VPN, IPSec/Mobile IP, or WTLS. HP Open Roaming allows you to use Cisco networking hardware and VPN without modification. Whatever your current networking environment, you'll be able to leverage your security and infrastructure investments—HP Open Roaming is designed to augment your environment, not replace it.

HP Open Roaming includes:



As part of our services, HP will work with you to identify the right software and other solution components. We can also:

- Assess your current mobility environment and identify business and technical goals
- Assess your current security levels and vulnerabilities
- Develop an implementation plan that includes specifications and criteria for security, roaming hardware and software infrastructure, employee access profile templates, network usage priorities, and client and server deployments
- Provide advice on the pros and cons of various network types, complex technical issues, and how to leverage your buying power when dealing with carriers
- Design the solution, provide necessary hardware and software, and implement the solution according to plan
- Lead or augment post-launch end-user help desk support

HP will be your single-source provider for everything you need to support the entire HP Open Roaming solution.

Why HP?

Here's why you should choose HP as your mobility partner:

- **Customization.** Unlike other vendors that offer a "one size fits all" solution, HP will identify and integrate the HP Open Roaming solution that best matches your currently installed and planned environment.
- **Cost-effectiveness.** HP Open Roaming allows you to prioritize the most cost-effective network type—wired, dial-up, wireless LANs, or wireless WANs—used to make a connection while roaming. You also decide who can use the solution—by organization, group, or individual.
- **Flexible security.** We'll help you identify the level of security that makes the most sense for your business, whether it's VPN, IPSec, WTLS, smart cards, Public Key Infrastructure (PKI), Lightweight Directory Access Protocol (LDAP), Active Directory, or a combination of these.
- **End-to-end solution.** We'll provide everything you need: client devices, server, software, services, and overall management with a single point of contact.

- **Investment protection.** HP Open Roaming is fully standards-based, so it will make full use of your existing hardware and software investments.
- **Reduced risk.** HP has significant experience in mobility technology: We've successfully implemented HP Open Roaming and other mobility solutions for multinational customers. Plus, you can depend on HP to deliver the entire solution—with comprehensive support, a proven methodology, and hands-on project management designed to keep the project on track and keep you fully informed.
- **Networking.** HP has been architecting, designing, implementing, and supporting diverse networks for hundreds of thousands of users throughout the world. This experience has given HP the ability to rapidly define and integrate secure solutions that permit controlled transport access across any network type.
- **Carrier experience.** HP has a strong presence in the networking and carrier businesses. For years, we've worked closely with all of the major wireless network equipment providers to verify that our handheld mobility devices interface properly with carrier infrastructures. We also have alliances and partnerships with over 20 carriers, having implemented infrastructure and complex back-end and management systems for these organizations. Through these relationships, we've obtained an in-depth understanding of voice, data, and converged networking.
- **Technology leadership.** HP has taken a lead role in developing the standards, protocols, and direction of Internet Protocol Version 6 (IPV6), the next generation of core networking that supports a much larger address pool, dynamic addressing, enhanced security, and built-in mobility. All HP client devices are designed to be compatible with this technology, which is currently supported by carriers in Asia and is expected to be supported in Europe and North America within a few years.
- **Mobility breadth.** HP Open Roaming is not just a point product. HP offers a portfolio of related mobility products, including enterprise-wide mobility solutions, wireless LANs, mobile office communications, vertical industry solutions, and leading-edge client devices.

HP mobile enterprise solutions

HP Open Roaming is part of HP's portfolio of mobile enterprise solutions. These end-to-end solutions help companies of all sizes redefine their business models in order to become more competitive, more productive, and more profitable.

For more information

To learn more about HP Open Roaming, visit www.hp.com/hps/mobility.

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