Improve productivity

Use mobility to improve field productivity

People, products, and packages are on the move. Implement a business-to-employee model that improves productivity using mobile technology and applications.

Benefit from mobility

Employees increasingly use smartphones in their daily lives. This mobility can provide anywhere, anytime access to enterprise information, enabling freight and logistics companies to address critical business challenges and make informed, timely decisions while reducing dangers and risks to drivers.

To take advantage of this, you need an enterprise mobility strategy that considers policies, mobile architecture, security, actionable intelligence, cloud services, and mobile applications (apps) to optimize business performance and create secure, context-aware mobile experiences.

The consumerization of devices and applications is a real and growing trend. A major third-party research firm predicts 30% annual growth in mobile devices and 46% annual growth in mobile data through 2015. Today, 59% of businesses allow employees to bring your own device (BYOD) into the workplace. It's time to make use of it.

Review the trends

Gain resource management and scheduling
Today, mobile workers can benefit greatly from enhanced employee productivity applications that facilitate two-way data transmission to systems and applications, turning raw data into timely, actionable information.

With reliable connectivity, you can better manage resource availability and use, accurately track timecards, update worker task lists to accommodate changes, make dynamic updates to dispatch schedules, and reroute vehicles and shipments as business conditions dictate. By optimizing your employees' time, you dramatically transform the way they deliver services.

Enhance location-based services
As the industry begins to widely employ value-added mobile sensor technologies, workers can be quickly redirected, capture better data, and receive up-to-the-minute guidance. Mobility can provide vehicle identification data and geographic information system (GIS) coordinates, enabling field workers to immediately transmit data back to supervisors and specialists. Adding barcode scanning and radio frequency identification readers to devices provides even greater data accuracy.

Get mobile security
Mobile technology enables freight and logistics companies to equip their workforce with a broad range of devices, such as notebooks, tablets, smartphones, and rugged terminals. Because these devices could be lost or stolen, it's essential to create a security plan for applications that access sensitive enterprise, customer, or vehicle data.

Some companies are implementing BYOD policies, finding it less disruptive to employees and less costly to enable secure access to corporate applications and resources. BYOD policies must include measures to protect corporate data and checks to verify information leaks and damage are controlled.

Develop a comprehensive mobility strategy
Enabling enterprise mobility is ideal if you want to reach mobile field workers across multiple networks and devices by delivering applications, content, and services in a scalable, secure, and reliable way. Successful implementation of enterprise mobility requires an end-to-end strategy.

Improve field productivity

HP Mobile Management Services integrate with the entire mobile value chain. This efficient and flexible mobile solution enables your employees while solving the balancing act for IT. This service offers management and support for multiple device types including smartphones, tablets, and ruggedized devices. Android, iOS, Windows Phone, and Windows Mobile platforms are supported, with BlackBerry devices being managed through a separate dedicated service.

- **Configuration management** ensures all managed devices comply with corporate guidelines, including mail settings, device security policies, restrictions for applications and use, corporate virtual private network (VPN) and WiFi settings, and device enrollment.

- **Security management** sets the mobile device's security configuration, aligning it with corporate security policies. Password and policy enforcement, on-device encryption, remote lock/wipe, and more are included. Certificate-based authentication also is supported.

- **Inventory management** provides IT with a granular view into device hardware and software status. Several report options are available covering devices and applications under management, policies, and compliance.

- **Support management** provides device and service monitoring and advanced troubleshooting. User self-service and advanced administration and support for escalated incidents are included.

- **Infrastructure management** enables HP to oversee solution software operation and server infrastructure management—patch, backup, and security management are included.

- **Application management** enables IT to centrally distribute, install, maintain, and support native applications and includes whitelisting and blacklisting. HP can also provide an enterprise applications catalog for in-house applications, built specifically for your enterprise.

Mobile technology in use

Mobile technology locates assets in real time and immediately dispatches drivers to and from locations, identifying drivers who can quickly and cost-effectively transport inventory, and provides turn-by-turn package delivery guidance. As a result, you can expedite inventory transport with real-time locational updates as new requests are received from customers.

See how we work

HP Mobile Applications Services help you envision, plan, design, build, and test mobile user experiences that integrate to your back-end enterprise systems of record. We use a three-step approach to enable your enterprise mobility.

- Step 1—Review, establish, and refine foundational policies—includes device, security, and user policies

- Step 2—Define your organization's collaboration infrastructure

  – Deployment model for mobile applications

  – Network and security architecture

  – Enterprise collaboration infrastructure

- Step 3—Establish the architecture to support enterprise-class mobile applications

  – Mobile application architecture

  – Visualization and information architecture

  – Integration architecture

  – Mobile applications testing and quality assurance

Work with the best

- HP has more than 1,000 mobile application developers with experience in all major platforms and over 50,000 application developers for mobile application system integration.

- We have more than 150 user-experienced experts and mobile testing professionals.

- HP Global Mobile Center of Expertise has delivered enterprise mobility solutions for over seven years.

- HP supports more than 2 million mobile handheld subscribers.

- HP Global Mobility Competence Centers employ 450+ mobile application developers.

- Our mobile management solutions and device encryption are delivered in 65 countries.

Gain from our knowledge

Mobility is more than devices—it's a fundamental shift in the way companies engage with customers, employees, and partners. We help you address every element in the mobility framework—moving from a desktop/laptop environment to on-board, portable smart devices that are rugged and durable, Wi-Fi/RFID/Bluetooth capable, and tailored to users' needs.

Use these features

- **Transform governance**—Ensure single-point accountability and end-to-end governance for steady-state reliability

- **Gain user productivity**—Improve access to varied devices, which are always connected—anywhere, anytime, any device

- **Get security management**—Protect your data during transmission and at rest, on the device and external memory

- **Gain better visibility**—Receive real-time, in-depth hardware, software, configuration, and location data

- **Get a choice**—Choose device management capabilities and methods based on diverse needs, device strategies, and ownership

- **Integrate**—Receive mobile device support—HP service desk, IT asset management, configuration management, and security information and event management solutions

- **Ensure security**—Set and enforce VPN, WiFi, security configurations; manage certificates; and detect threats such as blacklisted applications, jail broken/rooted devices

- **Provide self-service**—Let employees locate and secure devices through a secure web page

- **Gain application management**—Distribute, update, and remove mobile apps through highly targeted "offers" or an enterprise app store

- **Integrate device management**—Manage and report on mobile devices alongside desktops, laptops, servers, and special-purpose devices

- **Get instant updates**—Receive and employ new capabilities and reporting dashboards overnight through a content delivery model that doesn't require software upgrades

Read about mobile success

This major air cargo carrier needed to optimize driver routing and container assignments to improve 24x7 air cargo container management at major airports. It was using manual, paper-based delivery and pickup assignments, making it nearly impossible to quickly react to flight schedule and cargo volume changes, workload peaks and valleys, and retrieve inbound and outbound containers in a timely manner.

HP defined a full-scale business strategy, designing new applications and integrating them into the legacy environment, building an optimization engine for container assignment to drivers at airports, and developing real-time transactional systems for container handling, tracking, and assignment. This fully automated mobility-based solution enhanced driver management and driver-load assignments, resulting in smoother cargo flow, lower headcount, and shorter connect times. It also improved customer service through increased on-time delivery and fewer shipment failures.

Gain these benefits

Drive revenue growth
- Gain richer consumer experience through enhanced access to product content and data.

- Reduce communication delays through mobile connectivity.

- Improve information quality and operational visibility by bringing business systems and data to the field and customers, reducing transcription errors and data loss.

Increase productivity
- Increase user productivity and create a competitive advantage through integrated end-to-end mobile solutions that work smoothly across multiple geographies.

- Reduce costs by improving sales force or field service efficiencies with real-time information.

Reduce costs
- Get anywhere, anytime access to your business, facilitating the availability of the right information at the right time.

- Manage risks while accelerating the introduction and adoption of new business inventory and customer data access mobile technologies.

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