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TECHNOLOGY NEWS

Today's Mobile Security Requires a New Approach

Neal Leavitt

Companies are looking for new ways to secure their data and networks now that many employees are using their own mobile devices in the workplace.

Employees bringing their personal mobile devices to work—a practice known now as BYOD (bring your own device)—is no longer a trend but instead is a model that's here to stay. In fact, market research firm Gartner Inc. predicts that half of employers worldwide will stop providing devices by 2017 and require employees to bring their own. While workers might enjoy using a personal device that they're familiar with, BYOD can also result in potential security breaches and risks because these devices access company data and networks outside the control of corporate security directors. Last June, security vendor Check Point Software Technologies unveiled its second

The study found that about two-thirds of companies let personal mobile devices connect to their networks, but 65 percent don't manage corporate information use on those smartphones, tablets, or laptops. "It's worrying to see such a high proportion of businesses burying their head in the sand when it comes to planning adequately for BYOD," said Richard Absalom, senior analyst at market research firm Ovum. Many companies are continuing to use traditional approaches—such as passwords, firewalls, and intrusion-detection and -prevention systems—to manage this risk. However, these approaches are designed to protect against external threats and thus don't completely address BYOD-related issues, which present a problem

Instead, stated Matt Bancroft, president and chief operations officer of enterprise applications for security vendor Mobile Helix, companies should focus on encrypting and thus protecting important data, regardless of the device that accesses it. "Authentication would then be required before decryption of the data could proceed," added Andrew Borg, research director for enterprise mobility and collaboration with the Aberdeen Group, a market research firm. "Three years ago, it was about protecting the device. Two years ago, it was all about protecting the data. Now, companies are to protect the data. Each step is necessary on some level," said Jonathan Dale, marketing director

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