

# Bring your Own Device

IT service delivery to unmanaged devices

scense

Increasingly, IT management is called on to provide support for employee's own devices. Recent Garner research suggests that the average number of workers using their own laptops as their primary work PC grew from 10% in 2009 to 38% by the middle of 2016. This 'BYOD' trend is driven by increased productivity, enhanced job satisfaction and cost-efficiency.

The concept of BYOD has a bright future. For IT managers, it's not a question of 'if' but 'when' they implement the necessary infrastructure.

## IT remains reluctant.

When it comes to implementing BYOD, IT managers' most urgent concerns relate to fear of data loss or leakage, compliancy rules and, last but not least, dirty PC's – after all, according to Microsoft research, around 35% of all consumer PCs have botnets running.

IT administrators, on the other hand, worry about the potential increase in helpdesk calls. To complicate matters even further, end users are not happy for their devices to be modified in the interests of corporate use. Supporting employee-owned devices is nothing if not challenging.

“By 2017, half of employers will require employees to supply their own device for work purpose” - Gartner

## What's required.

The benefits are clear but to encourage BYOD, we need a desktop environment that meets at least the following requirements.

IT service delivery to unmanaged devices. In other words, to devices outside IT's sphere of control.

### Secure data access and storage.

To prevent data leakage, we need to ensure that unauthorized people or processes cannot access corporate data on the network or personal device.

### Context awareness.

To provide the right services the right way and to forestall unauthorized events, we need to be aware of the user context during the delivery of IT services.

### Self-service tooling.

Workers using their own device don't want to be reliant on the IT helpdesk. They expect to be able to use self-service to solve any problems.

### Remote application management.

Because of license regulations and security issues, we need to be able to block applications running on laptops that have been stolen or belong to employees who have left a company.

### Hypervisors + Scense.

One of the most ideal options for successful BYOD, from a management perspective, is the use of hypervisors. These allow multiple virtual machines to run in parallel with limited risk of security breaches. Virtual machines can be encrypted, thus preventing leakage of sensitive data. Add Scense Workspace Management to manage the virtual machine and you also get support for context awareness, self-service tooling and remote application management. The result is a solution that's fully fit for a BYOD environment.

### Just Scense.

This is a better option if you think your employees or their devices are not yet ready for a hypervisor, if you're not prepared to implement an infrastructure for virtual machines or if you simply don't want to buy and manage another OS but prefer to leverage that on your employees' laptops.

Simply use the Scense client to deliver IT services to the employee's device. Implementing secure data access and storage is not as easy or as strict as with a hypervisor, but employees can use IT services on their own devices without high initial IT investment or any hassle. And the savings are all yours.

"Most leaders do not understand the benefits of BYOD, and only 22 percent believe they have made a strong business case." - Gartner

### Conclusion

Either way, Scense is the way to go. The concept of BYOD has a bright future. For IT managers, it's not a question of 'if' but 'when' they implement the necessary infrastructure. Scense Workspace Management is already being used successfully to do this within major educational institutions, delivering applications and services to students' laptops, giving the students the flexibility they want and creating substantial savings for IT.

## About Appixoft

Through our high-end User Workspace Management solution Scense, we deliver dynamic applications in a personalized workspace to many thousands of satisfied users worldwide. Scense plays a strategic role in delivering functionality and real-time access to the right persons, in time, wherever they happen to be. By doing so, we enable organizations to deliver business-critical applications and information quickly and efficiently. We work towards the ultimate productivity and user experience for both end users and administrators. And with a great sense of honesty: Appixoft provides, Scense delivers!

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