flywheel DATA

Turn any x86 device into a trusted endpoint on demand, with secure access to the internet and on-premises or cloud-based virtual apps and desktops

Enable Workforce Mobility with a Secure, On-Demand Solution

For many organizations, providing secure devices for workers that need remote access to critical applications and data is an intractable problem. It's not cost effective to supply a security-hardened system to every worker that may need remote access in the future, nor is it possible to procure and deploy hundreds or thousands of new devices on short notice.

Despite the security risks, often the only option is to allow workers to use their personal devices for access when unforeseen requirements arise. And many workers would simply prefer to use their own devices rather than deal with the inconvenience and limitations of IT-supplied systems.

To address these demands, Flywheel Data has created a unique solution that turns almost any x86 device into a secure endpoint temporarily, enabling a mobile work environment that ensures proper authentication, enforces network security, and protects data integrity.

The Flywheel Data Trusted Endpoint Solution

The Flywheel Data Trusted Endpoint solution eliminates the risk that a personal device has been or could be compromised and also ensures network security. Your employees can utilize the mobile client on their personal devices whenever they need it to address a number of different use cases:

- Secure access to on-premises VDI environments and corporate applications from anywhere

- Secure access to cloud-based virtual desktop services such as AWS, Azure, Citrix Cloud, or Frame

- Secure internet access, including any software-as-a-service (SaaS) solutions used by your organization

Because the solution is non-destructive and works on demand, users can switch easily between secure work activities and personal use.
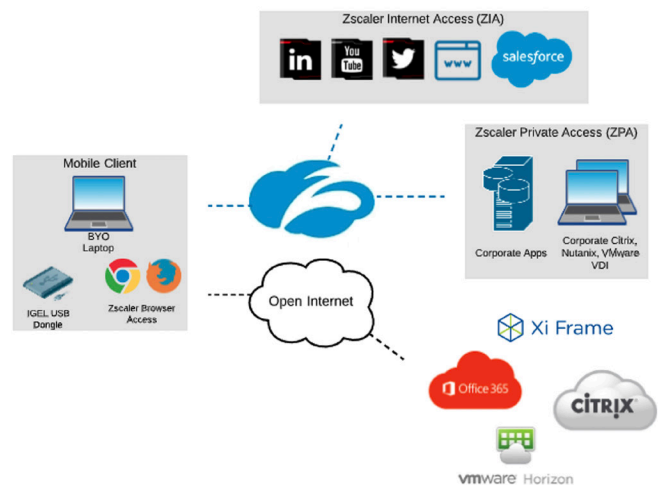
Trusted Endpoints Increase Security and Operational Agility while Decreasing Cost

The Trusted Endpoint Solution has been carefully architected to address the biggest workforce mobility challenges:

- **Flexible endpoint and network security.** Eliminates the security risks associated with uncontrolled endpoint devices and untrusted networks.
- **BYOD.** Workers are able to use their own device from almost any location on demand.
- **Centralized management and control.** Complete control over authentication and access at scale.
- **Rapid deployment.** Easy and fast to deploy, requires only minimal training for IT staff and end users. Distribute the solution to employees on inexpensive USB devices.
- **Reduced cost.** Per seat cost is extremely low versus secure laptops.

How it works:

The Flywheel Data Trusted Endpoint Solution integrates technology from leading vendors to create a mobile client and networking environment that's secure, flexible, and convenient.

- **Mobile client.** Each end-user device is transformed into a secure, fully managed mobile client upon booting a secure operating system supplied by IGEL from an IT-supplied USB device. Personal operating system and user files remain unchanged and inaccessible for the duration of the session. For sites using cloud-based workspaces, users can connect directly from the mobile client to digital workspaces. Removing the USB drive and rebooting the computer returns it to its normal state for personal use.

- **Secure networking.** To ensure a high level of network security, the Flywheel Data solution incorporates Zscaler zero-trust technologies. Zscaler Private Access (ZPA) connects users to their VDI desktops and other services running in your datacenter. Zscaler Internet Access (ZIA) provides secure internet and cloud access.

With integrated management, you are can control and limit access easily on a per-user basis, even in large scale deployments.

Getting Started with Flywheel Data Trusted Endpoint Solution

Flywheel Data Trusted Endpoints deliver the benefits of a managed, security-hardened client from any x86 device. If you'd like to learn more about this solution, or other Flywheel Data end-user computing solutions—including flexible, high-performance virtual desktops and applications— contact Flywheel Data by phone or email.

About Flywheel Data

Flywheel Data provides elite IT Solution Design, Services, and Product Resale for the Cloud, Data Center, and Edge. Our goal is to arm our clients with the right tools, products, and technologies to accelerate mission success.

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