Zero-Touch Linux Deployments

with i-Layer's Snoopea Pilot

manage the unmanageable

Business Benefits

- Low management overhead

- Deploy individually by group and/or location

- Works with the directory infrastructure you already have

- Suitable for Low Bandwidth Remote Deployments

- Increased confidence in compliance

- Schedule option means reduced overtime for overnight deployments

- Highly Virus Resistant

Deploy thousands of machines across distant branches with Snoopea Pilot Manageable Desktop

Proven in enterprise environments, the Snoopea image deployment system delivers Linux OS images simultaneously to an estate of systems using minimal network bandwidth.

Authentication & Security Integrated

Not just an afterthought – Snoopea relies on it's full integration with Active Directory or other LDAP servers to know just which systems in your estate are ready for upgrade, reload, or removal. Even better, newly reloaded systems can assume the host name of the old if required – avoid the burden of removing computer objects from your directory after the migration.

Enterprise Born and Raised

Developed with large enterprises in mind, Snoopea can re-purpose your existing desktop hardware with a flexible and economical alternative can be spread rapidly throughout your environment.

Upgrade your Operating System, not your Hardware

Desktop upgrades typically require wholesale replacement of endpoints and network updates -and after all that- deliver a new variation on a tired theme. Snoopea uses an in place upgrade to deliver a system that works with your existing hardware and network, providing a fast, secure, reliable and proven alternative operating system.

Identical Images

We know that one size doesn't fit all - so Snoopea can manage multiple distributions for differing use-cases. to ensure compliance to their own master image. With built in auditing*, each use case can be audited separately, allowing you to have confidence that the images deployed are images in active use.

innovation Layer

ABOUT i-LAYER

i-Layer has been providing consultancy, solutions and support to businesses in London since 1996.

Through knowledge and careful selection of vendors, we specialise in providing Windows, Linux and Cloud solutions across the UK, Ireland and South Africa.

For more details visit www.i-layer.com

System Requirements

- Target systems must be PXE Boot enabled
- DHCP Server options will require customisation
- Auditing Module due Q4 2017

Works with:

HTML5

Java™

Microsoft
Remote Desktop Services

innovation Layer

Low Bandwidth Requirements

Once a single image is delivered to a site – either over the network, or physically - every system becomes a repository. Systems are self updated – after hours- and system reloads are simply performed by the pressing the F12 key at boot.

Stateless *and* Stateful

Instead of deployments that drift away from their original image over time, Snoopea built systems are largely stateless – with user-created data being committed to network storage. In low bandwidth environments data can be synchronised after hours to avoid overwhelming the available upstream bandwidth.

Disconnected Mode

In the situation where network stability can be an issue, user data can be cached pending network reconnection. With a choice of HTML5 browsers available, your web applications can easily enabled to work in this manner.

Further, applications that require database connections can take advantage of built-in SQL engines to store transactional data until networking is restored. In this instance database information is stored on a separate partition – protected from image upgrades.

Mobile users can enjoy the use of an encrypted 'roaming profile' for added security.

Self Auditing

No image is completed without the completion of a checksum of the entire system, ensuring that it is identical to the master: this is updated in both your LDAP directory and the Snoopea Pilot deployment database.

Supported

I-Layer's depth and range of experience with Linux, along with it's integration with other systems - is unmatched in the industry. We recommend commercially supported flavours of Linux –and if your organisation is lacking the in-house knowledge then I-Layer can provide on-site and remote support services to ease the transition process.

In addition we can provide economical outsourced desktop support to Snoopea managed environments.

Cover your environment with Snoopea.

Go to **i-Layer's Snoopea web page** for more details.