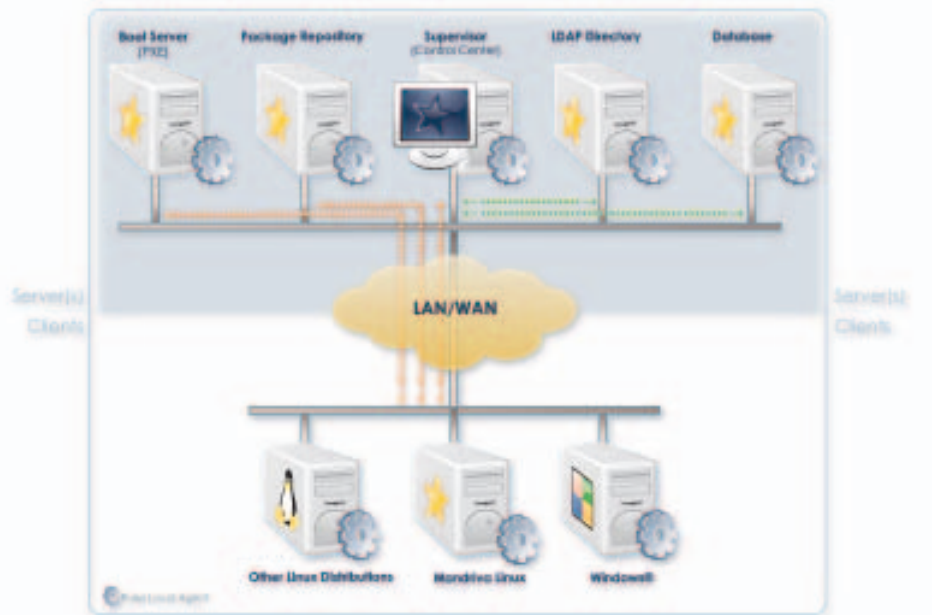## Mandriva Pulse

is the first Open Source comprehensive management solution that uses Linux to deploy, manage and maintain Linux and Windows® resources.

Automated and intelligent scenarios allow centralized control over IT assets for remote inventory and software management. Mandriva Pulse is the industry-leading technology for massive Linux desktop roll-out projects.

IT Management made simple

With the increasing number and diversity of IT assets, installing software and security updates, managing hardware configurations and ensuring compliance across heterogeneous environments in a secure an reliable way has become even harder. Mandriva Pulse is the answer to the difficulties most IT staffs are facing.

Take advantage of the power and stability of Mandriva Pulse: start managing thousands of machines the easy way!

Mandriva Pulse fulfills your needs

Mandriva Pulse is designed for any organization that needs to deploy and maintain software in a large and heterogeneous environment.

- From two to thousands of machines
- Windows®-to-Linux migration
- Administration of both Linux and Windows®

Benefits

- System ease of use
- Management cost reduction, TCO reduction
- Enhancement of responsiveness and business agility
- Deployment of systems at the right pace for your business
- Improvement of IT management staff productivity

Associated services

- Training
- Consulting
- Support
- Maintenance

Highlights

- **Open-Source system for managing Linux and Windows® workstations and servers**
- **Multi-distribution (Mandriva Linux, RedHat, SuSe) deployment**
- **Linux and Windows® remote administration (install, update, manage)**
- **Flexible scenarios**
- **Secured and centralized control**
- **Heterogeneous IT assets management**

Main features:

Provisioning:

- Bare metal provisioning
- Mass parallel provisioning
- Hardware independent provisioning
- Multiple Operating Systems provisioning support
- Profile-based provisioning

Massive OS Deployments:

- Remote installation of Operating Systems (Standard PXE)
- Installation and update scenarios' customization
- Mandriva Linux product installation scenarios provided by default

Software Packages:

- Automatically tracks any number of public repositories
- Creates local repositories for fast deployment
- Manages synchronization and update
- Allows customization of standard Linux distribution

Software Management:

- Remote software and packages (ZIP & RPM) management (installation, removal, update)
- Scheduled pre-transfer scenario, to upload updated packages on local sites, before triggering massive updates
- Creation of installation media for offline or network constrained secured systems
- Syndication network transfer: optimizes packages distribution based on network topology

Asset Tracking:

- Hardware asset information management
- Software asset information management
- Automated addition of computer on network

System Management:

- Web-based centralized management
- User-specified management groups
- Multiple Linux distribution support
- Windows® support
- Distributed, scalable architecture from two to thousands of systems
- Versioned scenarios, enabling various installation and configuration profiles throughout time
- Scheduled automatic remote execution of scenarios

Updates:

- Massive group-based deployment
- Dependency resolution
- Deployment of stacks, arbitrary files, scenarios and package

User Support:

- Multi-user management
- Password resetting
- Rights and roles management
- User import from LDAP and SQL databases

Security:

- SSL encryption and authentication
- Rollback capability

Networking:

- Highly flexible configurations and topologies supported

Open and Standard:

- Based on Ruby technology
- Interoperability with existing LDAP directories
- Designed to interoperate with complementary software: asset management (such as GLPI), network monitoring (Nagios) and asset inventory (OCS Inventory NG)