

## Software continuity with *net-runna Enterprise*



**For a business to operate effectively and efficiently the IT environment has to be secure, scalable and most importantly stable. It requires continuity and disruption to this continuity affects the bottom line of every business.**

We understand these business issues and have addressed them with a market leading software continuity solution. *net-runna Enterprise* maintains a stable IT environment with an operating system, application and data recovery framework that keeps IT running.

### ***net-runna Enterprise* key features**

- Preboot operation (before the operating system has started)
- Asset reports on all computer hardware and 'NT' type software
- Disk imaging with Single Instance Storage for disk images
- Deployment & migration
- Rapid repair & recovery
- Remote control, wake on LAN, remote reboot & shutdown
- Data backup (additional module)

### ***net-runna Enterprise* key benefits**

- Reduce your cost of IT support and reduce IT support incidents
- Increase the availability of IT leading to increased user productivity
- Dramatically reduce the size and cost of your image storage repositories
- Improve your DR strategies and IT management techniques
- Lower your cost of implementation
- Gain software continuity and lifecycle management for your Microsoft and Linux desktops, laptops and servers

### **Use best practice management**

*net-runna Enterprise* is an end-to-end management solution managing your IT from initial purchase through to retirement. *net-runna Enterprise* complements ITIL based IT management techniques such as Microsoft's BDD and the Becta FITS framework in the following areas: report and inform, build and deploy, update and maintain, rebuild and recover, retire and recycle.

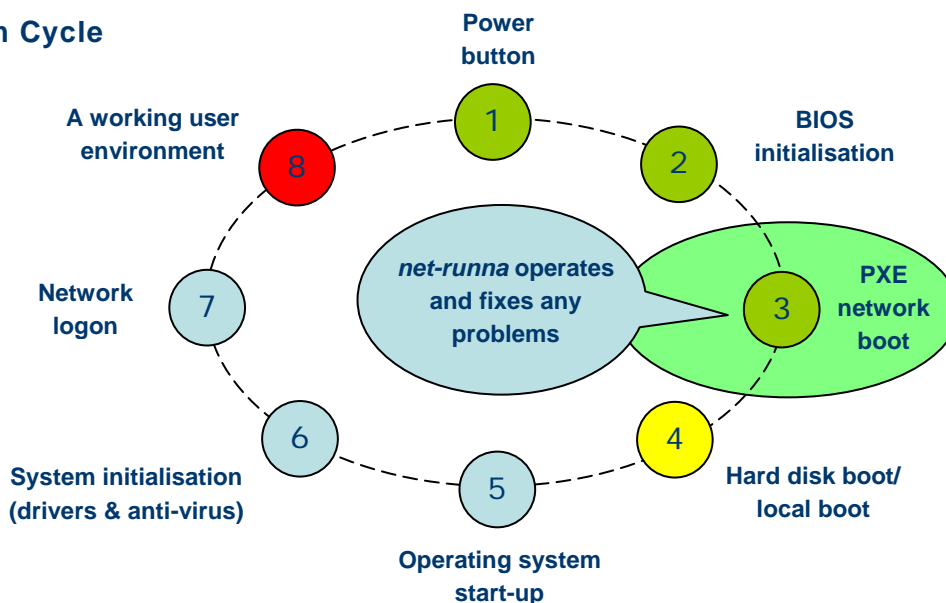
*net-runna Enterprise* is your complete solution for building, deploying, maintaining and recovering your desktops, laptops and servers.

### Benefit from a powerful preboot solution

net-runna Enterprise is one of the few solutions that fully leverages Intel's Preboot Execution Environment (PXE). This enables continuous visibility and control over your computers across standard Ethernet networks; without requiring the installation of an agent or driver on the target computer.

net-runna Enterprise operates irrespective of the operating system type or system state. If your operating system or an application is damaged net-runna Enterprise is able to access and repair your machine in minutes even if it's non-bootable.

### System Cycle



### Gain centralised control of your computers

net-runna Enterprise servers are managed via user friendly Management Consoles. Within these you can create a hierarchical container structure (Windows Explorer style) or copy your Active Directory structure (read only). When computers boot up net-runna Enterprise automatically takes a hardware and software inventory via PXE, they are then visible in the Management Console. You can now deploy applications, take entire system images and repair and recover your computers. System management functions such as wake on LAN, remote reboot or shutdown, application deployment and remote control are also only a few clicks away.

### Audit your hardware and software

It takes a lot of time and effort to ensure every desktop is compliant and optimised for the benefit of your operation. net-runna Enterprise asset auditing extracts the hardware and software information from all compatible systems. Software usage reports can be produced for individual machines or a global view of software usage can be provided, including the license keys. net-runna Enterprise has a built in printer friendly report format. Alternatively detailed reports can be extracted from net-runna's industry standard MS SQL database using a 3<sup>rd</sup> party reporting application.

### **Use the most effective disk imaging solution in the marketplace**

*net-runna Enterprise* provides fast and reliable disk imaging for: desktops, laptops and servers running Microsoft and Linux operating systems. Unlike most other imaging solutions *net-runna Enterprise* images are stored in a compressed and encrypted Single Instance Storage repository (SIS). When new images are taken only new or changed files are copied into the SIS image repository.

The *net-runna Enterprise* implementation of SIS can reduce the space required to store images by approximately 85%, giving you less image management overhead and reducing backup cost. In addition, taking and deploying images requires much less network bandwidth by only transferring changed or new files and utilising a local SIS image cache.

### **Enable new management techniques**

Single Instance Storage makes new management techniques possible; e.g. you can take a complete system snapshot for each machine on your network prior to migration or patching. In the event of machine failure you can be confident that your machine(s) can be 'rolled back' to a working state without any loss of data.

### **Cut down hours spent commissioning or rebuilding computers**

Whether you are building a new generation of desktops or adding updates, patches and new applications *net-runna Enterprise* can improve deployment times by up to 80%. *net-runna Enterprise* complements your existing system management tools and ensures a lower cost of implementation through its speed and ease of use.

Unlike other systems, *net-runna Enterprise* works out of the box with preboot technology; enabling rapid zero touch operating system deployment to bare metal machines - no client agent or client setup is required. *net-runna Enterprise* deployment options include renaming or keeping the machine name; renewing or keeping the SID allocation and automatically joining the domain.

### **Migrate safely using our recovery image option**

*net-runna Enterprise* utilises Microsoft USMT which captures all of the computer's Microsoft settings for all users prior to migration and copies them back post migration. This ensures the operating system is migrated and all the user's settings are reinstalled in the new operating system. Should the migration fail, the computer can be rolled back to its recovery snapshot in minutes.

### **Keep your computers up to date**

Deploy software applications, patches and updates using the preboot engine or alternatively use the postboot deployment feature to deploy into the live operating system of a target computer.

### **Improve your disaster recovery**

With its multicast deployment and repair capabilities *net-runna Enterprise* will restore individual or groups of computers back to a working state within minutes. Repair can be invoked by the administrator or the computer can be completely recovered by redeploying the latest image. *net-runna Enterprise* maintains your system's continuity with fast deployment, redeployment, and multiple rollback points.

### **Save time and money with automatic repair**

Dealing with user problems can take up hours of your IT department's time and leave users unproductive. Automatic repair recovers a computer from virtually any state in minutes without deleting any user data; it's like having a brand new computer every time you switch it on.

On every reboot *net-runna Enterprise* identifies any missing or damaged files and replaces them. This targeted repair is fast and, as it does not format the disk like other recovery solutions, the user's data is left intact. Automatic repair can be set to run offline if required, which is ideal for laptops. For education, automatic repair improves curriculum delivery by reducing the need to use lockdown methods which make student computers less accessible for learning.

### **Speed up deployment and reduce network overheads**

Images taken by *net-runna Enterprise* are stored in the SIS image repository on the *net-runna Enterprise* server. On deployment the image is copied into a hidden area on the target computer's local disk which makes repair, recovery and redeployment fast and very light on the network.

### **Safeguard mobile users with offline laptop recovery**

Conventional on board recovery solutions simply format the disk and start again, this can be a lengthy process and normally results in the loss of data, applications, settings and license keys. *net-runna Enterprise* takes a less destructive approach and provides 3 options in the Recovery Console, leaving a full format and recovery as a last resort:

- 1. Recover leaving data intact**
- 2. Recover & remove data**
- 3. Format & recover**

### **Protect your data**

The Backup module incorporates the *net-runna ReStor* data backup application with centralised configuration from the Management Console.

*ReStor* is a highly efficient data backup and recovery product that protects user data, system files and the registry. *ReStor* backs up to 2 synchronised data backup repositories, this allows users to backup locally when they are offline but with the security of a remote backup should there be a disaster such as a disk failure. *ReStor* uses less disk storage space than traditional data backup solutions by using Single Instance Storage technology so identical files are not repeatedly backed up. With optional block level technology, backup efficiency is further enhanced by breaking files down into smaller parts so that when files change only the changed parts are backed up.

Backups can be scheduled or invoked by the user and they run in the background without causing any noticeable system slowdown. By only copying new and changed files backups are incremental and very fast. Restoring files is easily achieved by browsing for files inside backups and restoring data from one of the backup points, allowing you to rollback to an earlier version of a file or folder.

***net-runna Enterprise* - complete software continuity for your operating system, applications, settings and user data.**

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