



Product Data Sheet

Faronics Deep Freeze

The Dell KACE and Faronics Deep Freeze Security Solution

Unparalleled desktop security and an easier route to compliance

Dell KACE's industry leading system management solutions and Faronics Deep Freeze have an integrated security solution to protect PCs. Using a single console, IT administrators can install, configure and update PCs and MACs, ensuring that desktop security is airtight.



"We were absolutely blown away by the breadth of features the K1000 Management Appliance offered."

— Ryan Haylock, Director of IT Services,
Charlottesville School of Law

The challenge

IT Administrators are inundated with manual, time consuming IT management tasks. Discovering, maintaining and controlling endpoints coupled with dealing with constant and escalating security threats has only increased in complexity. Manual and time consuming tasks multiply when considering the realities of managing increasingly diverse PCs, deploying new machines, running a service desk operation, handling patching and all the other critically important tasks associated with systems management. It's time-consuming to troubleshoot and/or re-image problematic workstations across an organization, wasting time and resources. Users download or copy unlicensed programs which can cause system degradation, attract malware and decrease system performance. Maintaining the standard operating environment in all the workstations is a difficult and never-ending task.

"Deep Freeze is amazing. UTS computers are now running at 100% capacity and we have confidence all PCs are in a pristine condition upon every reboot. Deep Freeze has also reduced illegal software from being installed on the computers by students."

— University of Technology, Sydney NSW, Australia

The solution

Dell KACE and Faronics have integrated Dell KACE's system management appliances with Faronics Deep Freeze software. This integration makes it easier to provide stronger desktop security. IT admins can manage both products using a single pane of glass. This integration allows them to install, configure and provide software updates in an automated manner, saving significant time over doing this manually, machine by machine, and helping to ensure this is done flawlessly.

Deep Freeze Benefits

- Significant Time savings: IT admins can automate manual processes to ensure all necessary actions and updates are happening when necessary
- Costs savings: reduces expenses associated with travel to individual systems and locations, avoid fines for lack of compliance, frees up server for companies that were using one for KACE and one for Deep Freeze
- Increased security: discovery and immediate removal of rogue software, patching can be automated to provide on-going protection of end user PCs and MACs, even those used by multiple people
- One console/single pane of glass for all systems management, eliminating the hassle of going from one console to the other and back

The Dell KACE and Faronics

Deep Freeze Solutions Capabilities

Configuration Security: Preserve the perfect configurations on PCs and MACs

Dell KACE K1000 customers can utilize the built-in Command Line Control utility of Deep Freeze Enterprise to easily control and manage Deep Freeze from one appliance. This integration allows them to install, configure and provide software updates in an automated manner, saving significant time over doing this manually, machine by machine, and helping to ensure this is done flawlessly. The result is a computer that remains in the same perfect working condition it was setup in -- days, months, and even years later.

Schedule Description: Patch Thawed Machines
Patch Action: Detect and Deploy

Machine Selection
Run On All Machines: ☐
Limit Run To Selected Machine Labels: DFE - Thawed Computers [Edit]

Reboot Options
Reboot Mode: Force Reboot
Reboot Message: Reboot Required for Patching...
Message Timeout: 5 (m nutes)

Patch Schedule
☐ Don't Run on a schedule
☐ Run every [] hours
☒ Run every [Wednesday] at [3] : [00]
☐ Run on the [] day of every month at [] : [00]
☐ Run custom: []
Schedule according to [Server] time-zone []
☒ Run on next connection if offline
Delay Schedule by [0] minutes

By utilizing the 'Thaw' and 'Freeze' scripts you created in your K1000 Appliance, you can easily schedule Thawed Periods for your computers.

Patching: Easy for remote and on-site machines

Another option is to use the K1000 to automatically “thaw” Deep Freeze computers and securely make changes such as updating software and performing critical patches and then have them now restart to the new “frozen” baseline.

The Dell KACE Family of System Management Appliances

The Dell KACE K1000 management appliances save customers time and money by providing: inventory management, disk imaging, software distribution, patch management, Windows 7 migration, asset management, service desk, and power management. The Dell KACE K2000 provides: computer inventory scanning and assessment, network OS install, disk imaging, user state migration, remote site management, and system repair and recovery.

Stronger Desktop Security: More protection, far less time

Dell KACE Customers who are looking to augment security and reduce technical support costs can use Faronics Deep Freeze to ensure that they will never again have to repair a computer damaged by a user's accidental or malicious activity by including Deep Freeze as part of the Dell KACE K2000 imaging process. Any changes that a user makes to a protected machine will be eliminated upon reboot. Deep Freeze adds an unparalleled layer of protection as every piece of malware is removed upon restart – Deep Freeze would remove any malicious program or non-compliant software and return every machine to a desired configuration when the system restarts. Through this integration, IT Admins can put machines into the “thaw” state to make necessary updates to strengthen security, and “freeze” them—all from a single console.

Faronics Deep Freeze

Faronics Deep Freeze provides the ultimate workstation protection by creating a “frozen” snapshot of a workstation's configuration and settings. Deep Freeze is invaluable in institutions where both employees and students need full access to their workstations/laptops and need to have the confidence that their computers are up and running at all times. Deep Freeze preserves computer configuration. Any changes - either malicious or intentional - are reversed on reboot ensuring each reboot restores the configuration of the computer to its original state.



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