



PROVAIA – Perimeter protection for mobile media

Information transfer using removable media generally takes place via direct contact with an endpoint. These are only protected by local virus scanners, if at all. In the past, this vulnerability was exploited spectacularly, e.g. by the successful dissemination of the "Conficker" and "Stuxnet" malware programs.

Protective measures at the endpoint alone are insufficient, especially with regard to future attack vectors.

PROVAIA Appliance – Features



Similar to figure

- Checking of removable media for malware programs with at least *two different virus scanners*
- Detection and, if necessary, disabling of autorun and autoplay features
- Detection and, if necessary, deletion of potentially corrupted files
- Removal of active and non-visible content from documents. Conversion of common file formats to open formats (ODF or PDF)
- Importing and exporting of checked/converted files on removable media or network drives
- Secure deletion of removable media
- Support from TrueCrypt containers, BitLockers and Crypto USB flash drives (including Blockmaster Safestick, Kanguru Defender Basic and Elite, and Kingston Data Traveler Privacy Edition)

The Appliance boots from the Live CD and is then ready for operation with an encapsulated user interface (kiosk system). Through this approach and additional security features, you can prevent the Appliance from being compromised. The system image is configured via a central management system.


The management system can be conveniently managed via web browser. It offers a host of configuration options, including:

- Individual customization to the infrastructure
 - Integration into a network
 - Selection of the workflows
 - Definition of the security level
- Management of any number of Appliances
- Reporting, logging and quarantine functions (on network drives in the infrastructure, printers)

| Provaia 1.0 Konfiguration "Eingangsbereich" | |
|---|--|
| Konfigurationen | Übersicht Netzwerk Aktualisierung Protokoll Scan Kopieren Konvertieren Misc Antivirus |
| Netzlaufwerke | Neustart nach jedem Durchgang: X |
| Interne USB-Sticks | Wartung mit Passwort sperren: ✓ |
| AV-Aktualisierung | Wartungspasswort: gesetzt |
| Systemaktualisierung | Bildschirmschoner anzeigen anstatt den Bildschirm bei Untätigkeit abzuschalten: ✓ |
| Jobprotokolle | Kontakthinweis für Support: Support: 040 2442 407 0 |
| | E-Mail für Systembenachrichtigungen: provaia@pre-sense.de |
| | Infektionshinweis: Dieser Datenträger ist infiziert! Bitte wenden Sie sich an den Benutzersupport. |
| | Hinweis bei Systemsperre: System gesperrt! |
| | Bei Systemsperre E-Mail verschicken: ✓ |
| | Grund der Sperre Anzeigen: ✓ |
| | TrueCrypt automatisch aktivieren: ✓ |
| | Generelle Schreibsperre für Quelldatenträger: X |
| | Säuberung von Quelldatenträgern beim Kopieren/Konvertieren: ✓ |
| | Interne USB-Sticks: 0402:4424 (Provaia DataSafe IIG) |

PROVAIA Appliance – Technical Specifications

| Appliance features | | PRO-300 |
|--|--|---------------------------------|
| CPU | | Haswell Core i3 |
| Main memory | | 16 GB |
| Front: | 2 x USB 3.0 | ✓ |
| | Multi-card reader | ✓ |
| | Optical drive (CD/DVD) | ✓ |
| Back: | 2 x USB 2.0 | ✓ |
| | 2 x GBit LAN, RJ45 | ✓ |
| Powder-coated steel casing | Connection for Kensington lock | ✓ |
| | Access protection for boot LW and I/O area | ✓ |
| | Power button as key switch | optional |
| | Wall-mounting kit | ✓ |
| Capacitive 17"/43 cm touchscreen with a resolution of 1280 × 1024 | | ✓ |
| Dimensions (excl. wall bracket) W/H/D | | 39 cm / 51 cm / 43 cm |
| Weight (excl. wall bracket) | | 17.5 kg |
| Operating system: Hardened openSUSE Linux | | ✓ |
| SSD (128 GB) for the support of functions such as "Remote boot" and "Unzip password-protected archive" | | optional |
| Operating temperature / Air humidity | | 0-40°C non-condensing / 20%-80% |
| Scope of supply | | |
| PROVAIA Appliance, power adapter, wall-mounting kit, access protection for boot device, connection panel. The login details to the management system for the PROVAIA software are sent via email. The manuals are available to download in PDF format. | | |
| Maintenance and support | | |
| For the hardware, "bring-in service" is offered within Germany (other conditions upon request). | | |
| Contact | | |
| PRESENSE Technologies GmbH E-Mail: provaia@pre-sense.de Web: https://provaia.pre-sense.de/ | | |

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|  | <p>PRESENSE develops the PROVAIA Appliance entirely within Germany and, as manufacturer, has signed the "IT Security made in Germany" initiative (www.itsmig.de).</p> |
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