# SMiD PRO

## Lock the data & keep the keys

**Plug & play hardware device that deeply encrypts your cloud-bound data, ensuring it remains 100% secure and confidential.**

**Simple and Secure Solution for professionals.**

- Cloud Security Gateway and NAS up to 5 users
- Integrated On-Site and Off-Site Data Protection
- Robust Encryption, immediate, automatic and round the clock



### ✓ Private & Automatic Cloud Backup

SMiD performs optimized cloud backup for the entire local network, everything that is stored in SMiD gets automatically encrypted and backed up in off shore storage services.

SMiD does not require installation of desktop software, ensuring smooth deployment and operation.

### ✓ No local Risk

SMiD provides resistance against remote and local attacks, damage, loss, theft and ransomware.
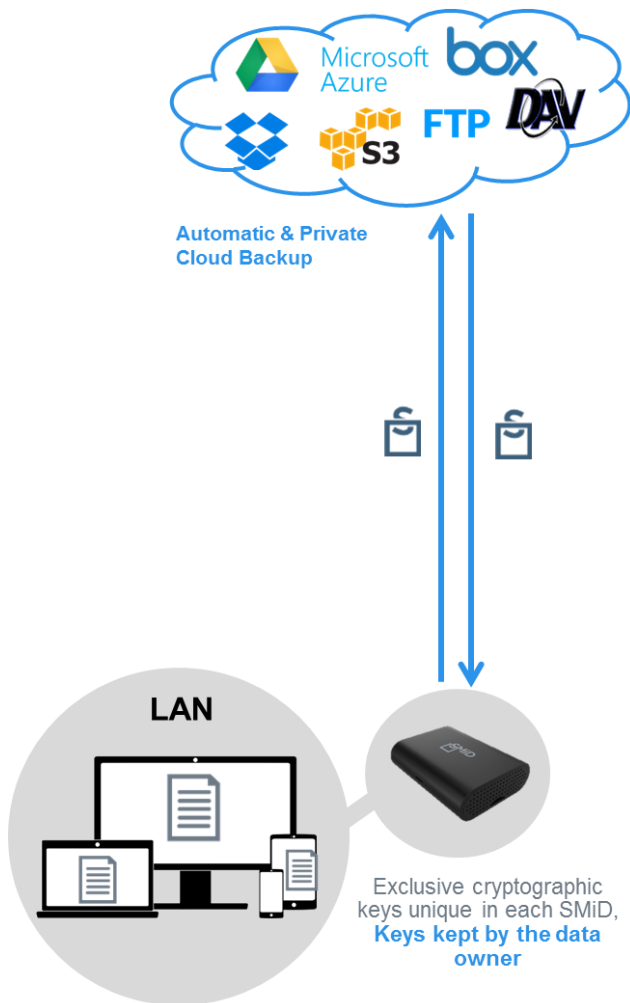
### ✓ Exclusive customer encryption key ownership

SMiD manages all the cryptographic keys needed to encrypt all your files before they face any public, private or indoor storage service. Only the user can turn the device on with his startup key.

### ✓ Compatible with local and cloud storage

SMiD is a device that merges Network Attached Storage (NAS) functionalities with many different cloud storage services in a way that your data confidentiality and integrity is assured.

**Automatic & Private Cloud Backup**

## LAN

Exclusive cryptographic keys unique in each SMiD, **Keys kept by the data owner**

SMiD connects to the LAN and encrypts all data at the source - before it leaves the office, clinic or international branch.

## Simple

- Plug and play device
- Automatic, continuous and private backup
- No client software installation or maintenance required
- Zero friction – nothing to configure
- Compatible with any infrastructure or IT environment
- Connects right to LAN with RJ45 Ethernet cable
- Web-based account administration
- Clientless NAS and Cloud backup for any desktop PCs and file servers in the LAN

## Flexible

- Protect your data anywhere in the world
- Dropbox, Amazon S3, Google Drive, Azure, Box, FTP and WebDAV compatible
- Microsoft SMB/CIFS file transfer protocol
- Deduplicated files for optimized bandwidth and file storage space
- Private and locally shared folders for each user

## Secure

- AES 256-bit encryption protects your files 24/7
- Unique keys for each file
- **Exclusive customer key ownership**
- Strongest, certified cryptographic device-generated keys &isolated key management
- Security is not dependent upon passwords or key phrases generated by users
- Unique startup key required to activate your SMiD
- No unencrypted files stored locally
- Meets stringent international data protection and privacy laws
- Integrity checks using SHA-256 hash function
- Ransomware resistant solution
- Local file name and File system structure fully anonymized in the cloud
- Secure and effective file deletion
- Local temporal storage with most recently used files to obtain a mínimum latency
- Recently used files available even without Internet connection
- Integrates many simultaneous cloud providers in one single storage space
- Non-stop and dynamical cloud storage provider file upload and download
- SMiD automatically distributes files on the available cloud accounts when they are new or they come from a cloud account to be discontinued
- Allows REST and WebDAV communication with storage cloud services
- SMiD safeguard process available
- Proxy Gateway support
- Secure local management & real time monitoring
- Dustbin functionality that allows recovery of erased files in a configurable period

# Hardware Specifications

- Raspberry Pi3, trademark of the Rapsberry Pi Foundation
- 15 GB of local users available space
- 10/100 Mbps Ethernet port
- 4 x USB 2.0
- Universal power supply with interchangeable heads
- FCC, CE, RoHS, WEEE compliance
- Dimensions: 90x70x25 mm

**About SMiD cloud**

SMiD cloud revolutionizes storage and data protection for SMBs and enterprise branch offices with SMiD Business, a hybrid solution that combines secure cloud storage services with on-premises storage appliances for a seamless user experience. SMiD Business provides a cloud services platform that enables service providers and IT resellers to quickly deliver cloud storage, hybrid local/offsite data protection to their customers.

For more information, visit smidcloud.com.