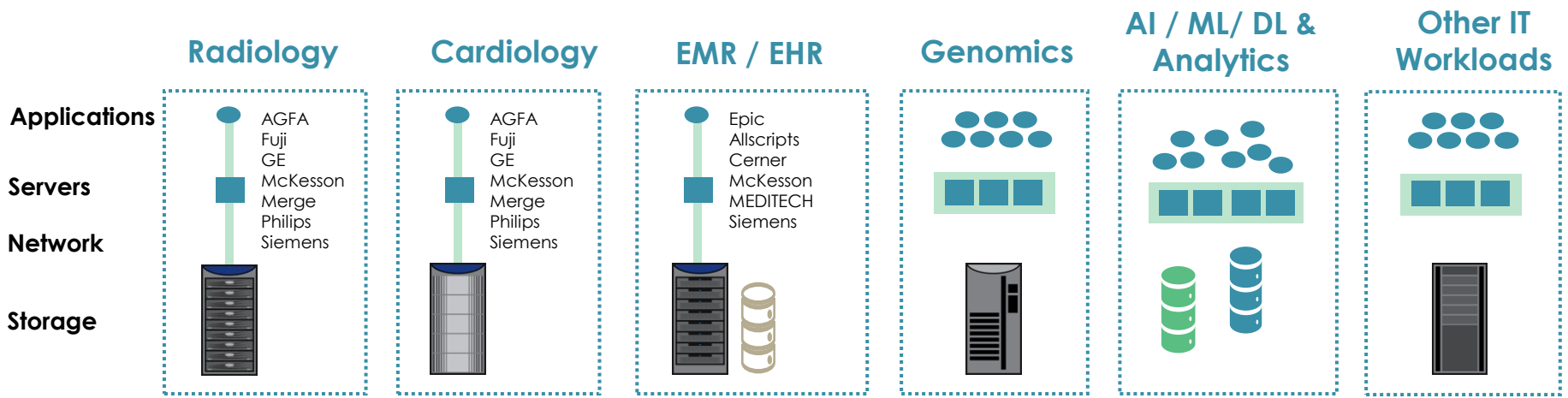
RELAX,
WE CARE

HEARTBEAT OF TRUST

GESUNDHEITSDATEN AUF INTELLIGENTEN UND GEHÄRTETEN DATENPLATTFORMEN

SILOS IN HEALTHCARE ORGANIZATIONS

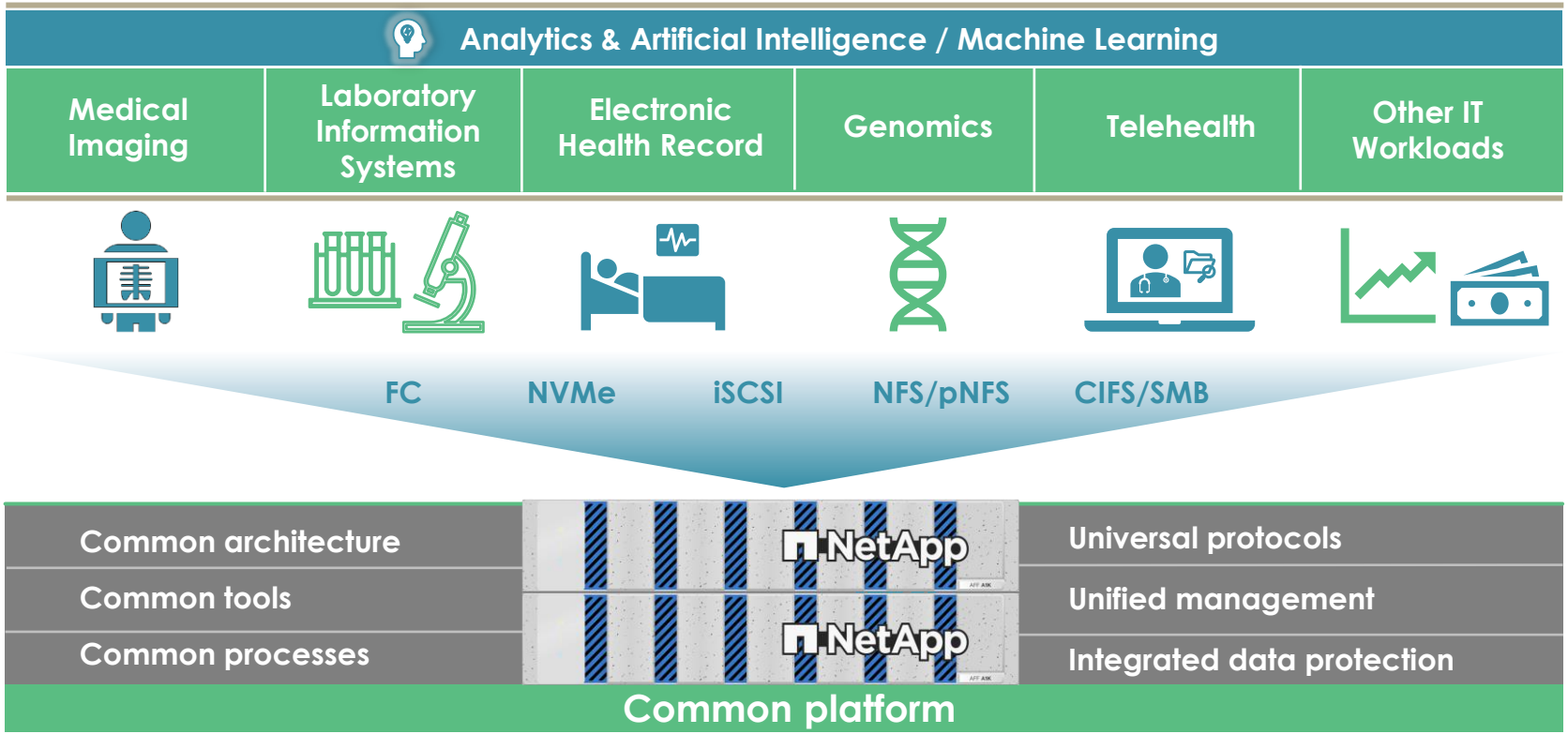


Application-Based Silos

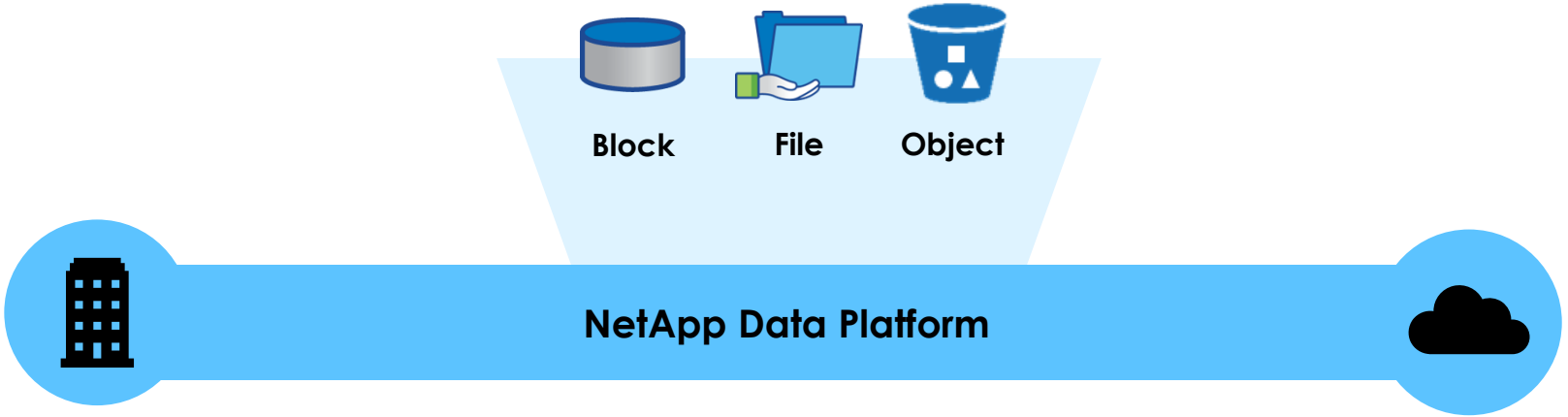
- Different hardware
- Different software
- Different people
- Different processes

NTS

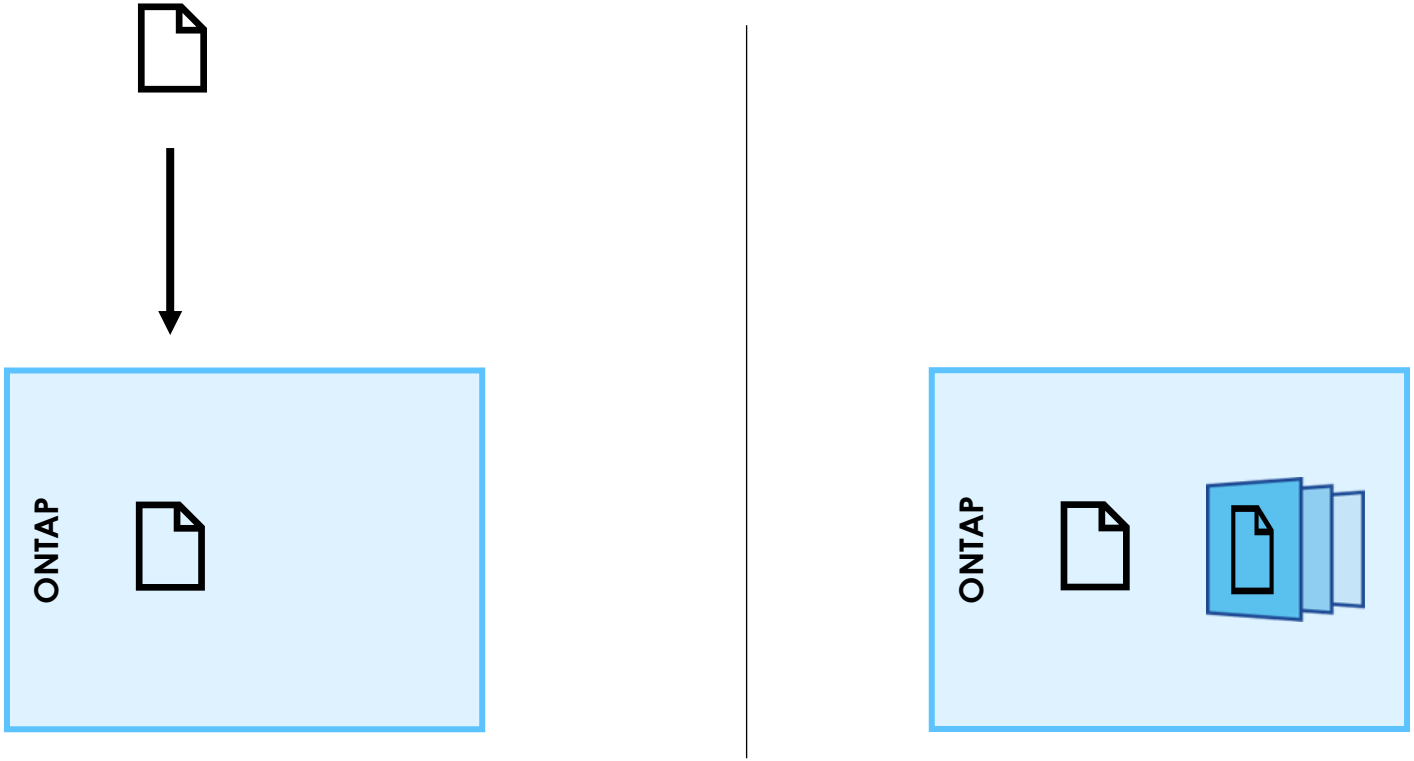
STANDARDIZE, SIMPLIFY & SECURE WITH NETAPP



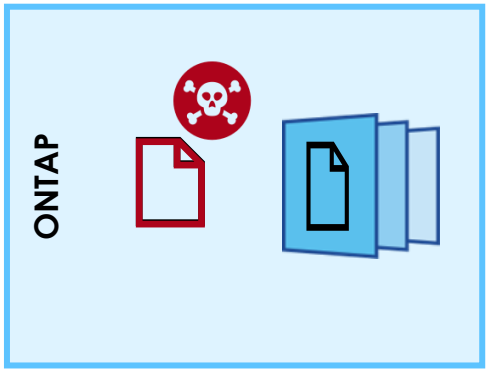
NETAPP CYBER SECURE DATA PLATFORM
POWERED BY ONTAP

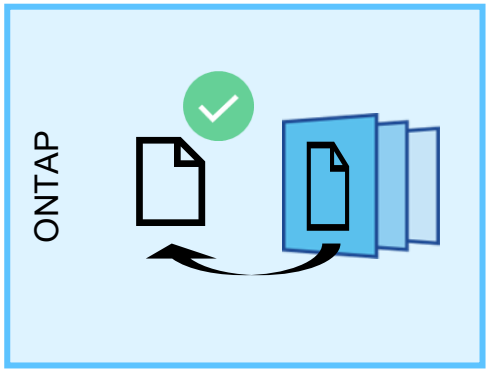


ONTAP VORTEIL 1

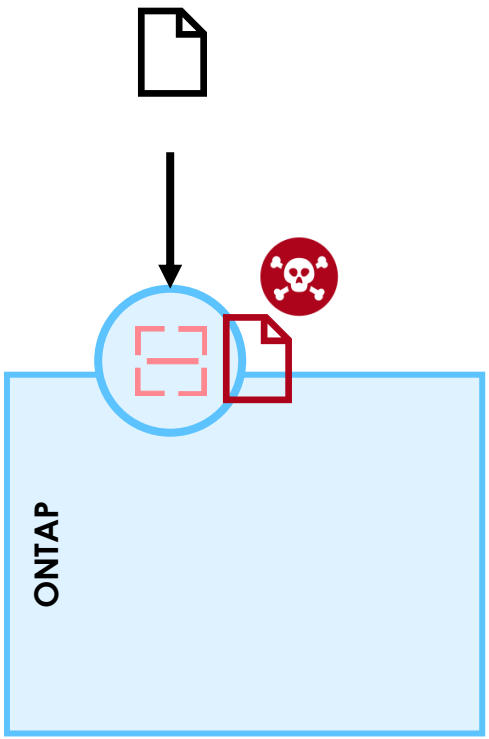


ONTAP VORTEIL 1: SNAPSHOTS



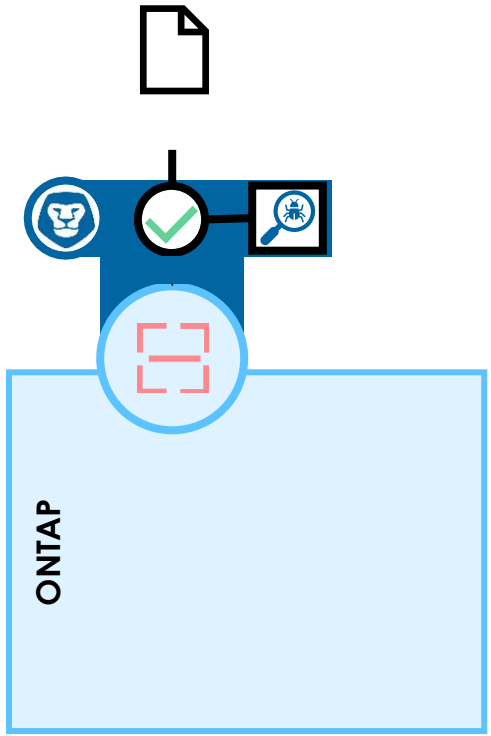


ONTAP VORTEIL 2: FILE – SECURITY



Real-time File Scanning & Control
FPolicy

ONTAP VORTEIL 2: FILE – SECURITY

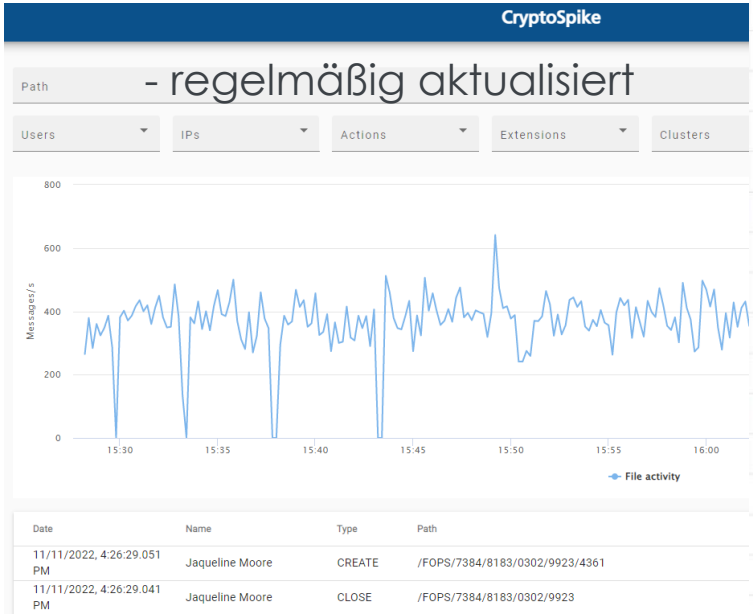


Real-time File Scanning & Control
FPolicy

DATA SECURITY & AUDITING
PROLION CRYPTOSPIKE

RANSOMWARE ANALYZER LIST

- regelmäßig aktualisiert



Name	Exclusion Rule	Enabled	Requires approval	Actions
*.YOLO		Enabled		
*.Radiation		Enabled		
*.jimm		Enabled		
*(alexbanan@tuta.io).CORP		Enabled		
*.eject		Enabled		
*.xati		Enabled		
*.trump		Enabled		
aboutYourFiles.*		Enabled		
*.kernel_time		Enabled		
*.lost		Enabled		
*.stn		Enabled		
*.usagoo		Enabled		
!!!Readme!!!Help!!!.txt		Enabled		
*.heronpiston		Enabled		
*.[gustafkeach@johnpino.com].ad		Enabled		
*.lote		Enabled		
StrutterGear.exe		Enabled		
.kuub		Enabled		

_01.04.

_01.04.

_01.04.

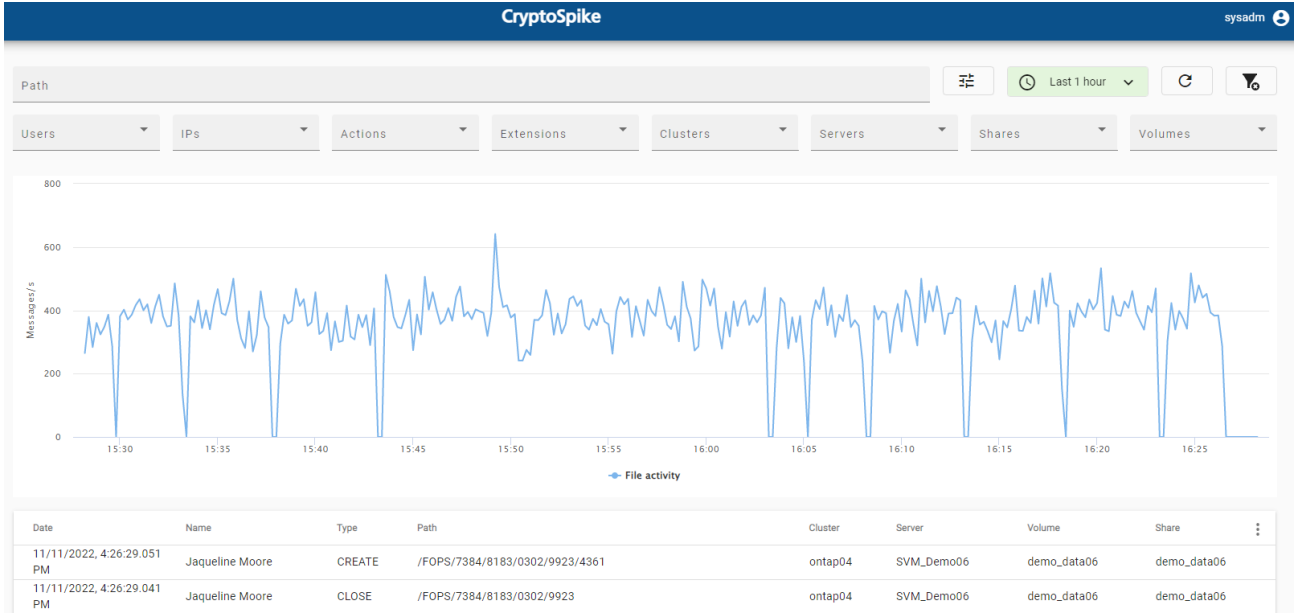
RANSOMWARE PROTECTION MIT
PROLION CRYPTOSPIKE

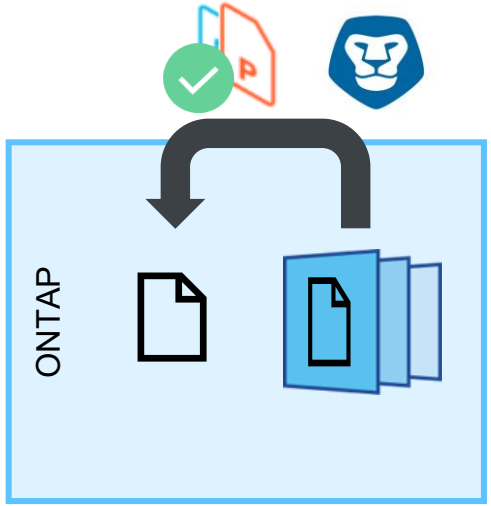
normales Zugriffsverhalten

Ransomware-imitierendes Verhalten wird blockiert

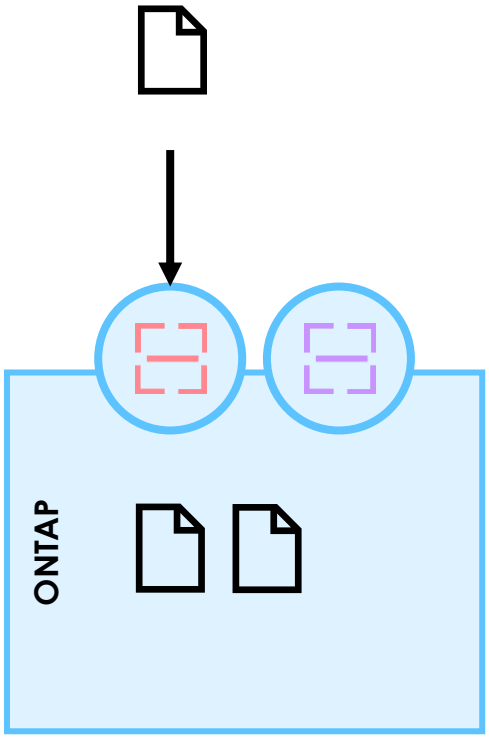
Ransomware-Verhalten

SINGLE FILE RESTORES MIT CRYPTOSPIKE





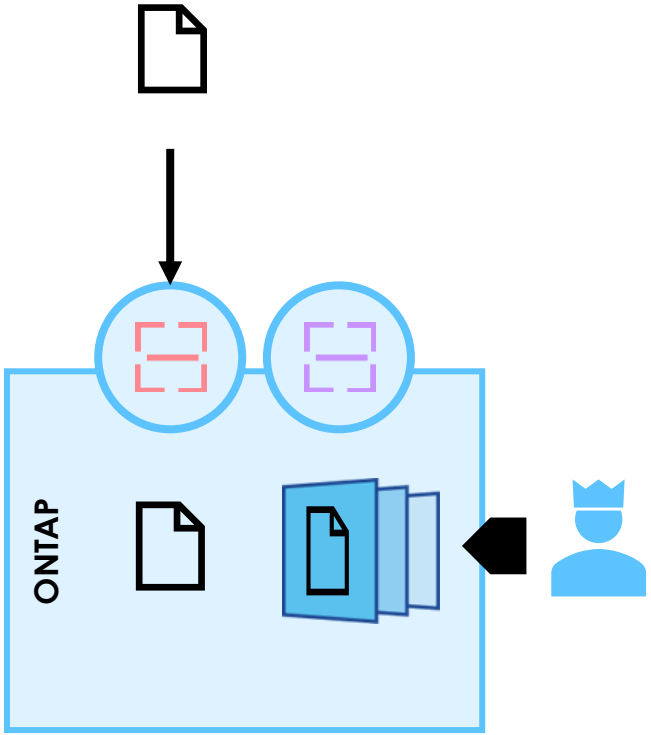
ONTAP VORTEIL 2: FILE – SECURITY



Real-time File Scanning & Control
FPolicy

On-box File Anomaly Detection
Autonomous Ransomware Protection

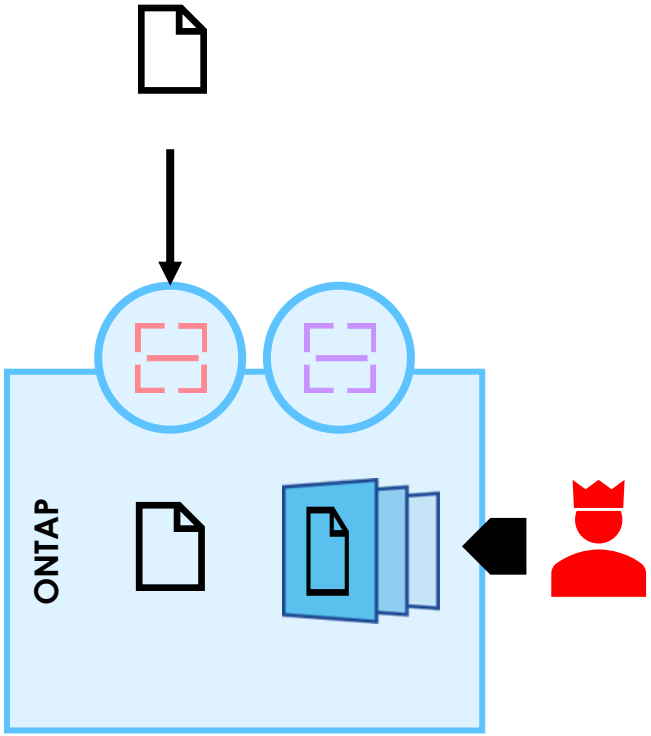
ONTAP VORTEIL 3:
OPERATIONAL – SECURITY



Real-time File Scanning & Control
FPolicy

On-box File Anomaly Detection
Autonomous Ransomware Protection

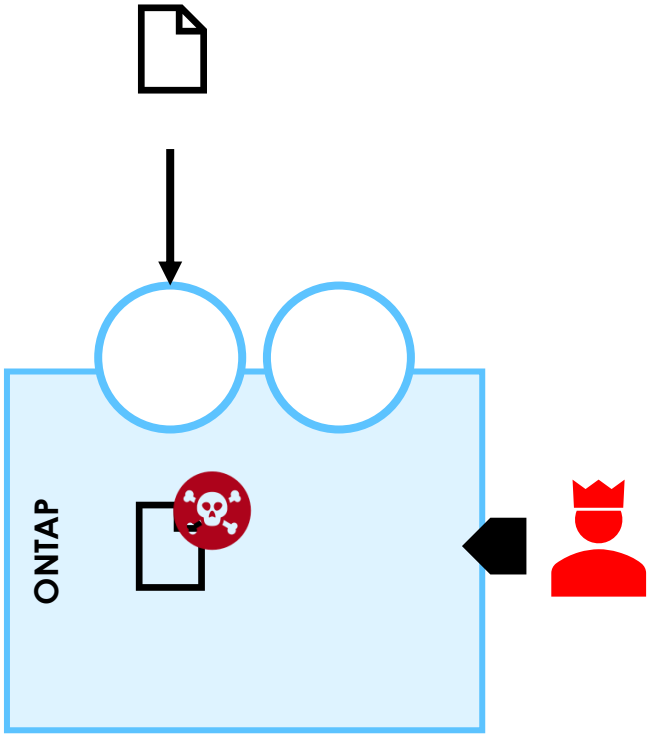
ONTAP VORTEIL 3:
OPERATIONAL – SECURITY



Real-time File Scanning & Control
FPolicy

On-box File Anomaly Detection
Autonomous Ransomware Protection

ONTAP VORTEIL 3:
OPERATIONAL – SECURITY



Real-time File Scanning & Control
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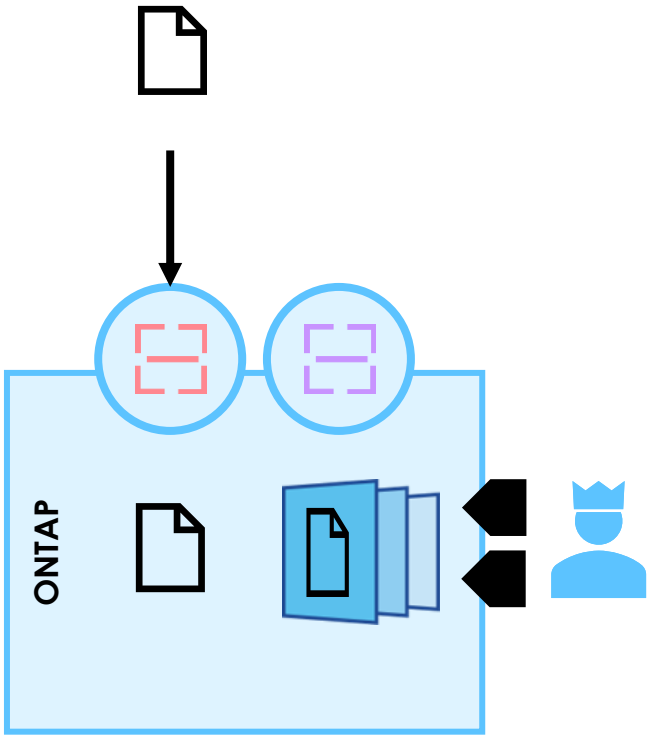
On-box File Anomaly Detection
Autonomous Ransomware Protection

ONTAP VORTEIL 3:
OPERATIONAL – SECURITY

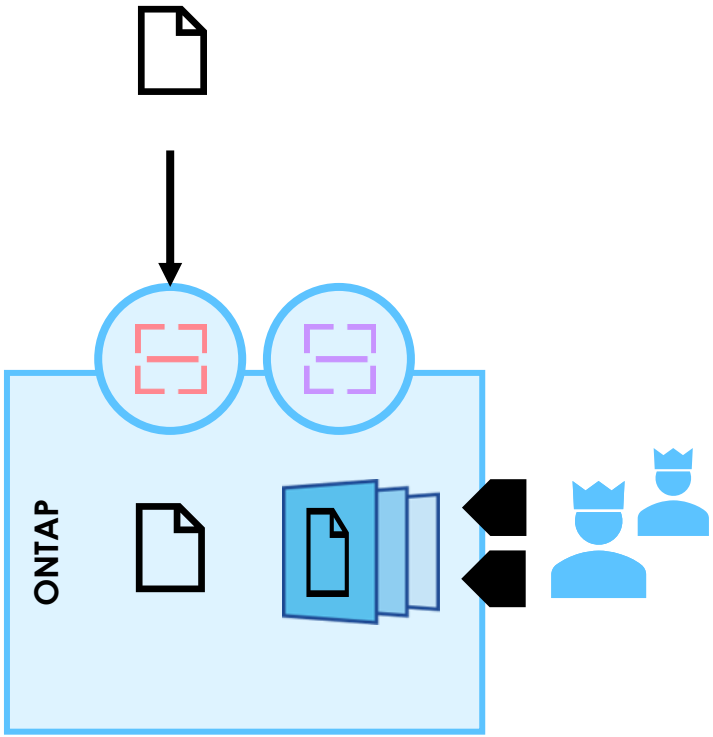


Real-time File Scanning & Control
FPolicy

On-box File Anomaly Detection
Autonomous Ransomware Protection

Admin Access Control
Multi-Factor Authentication

ONTAP VORTEIL 3:
OPERATIONAL – SECURITY



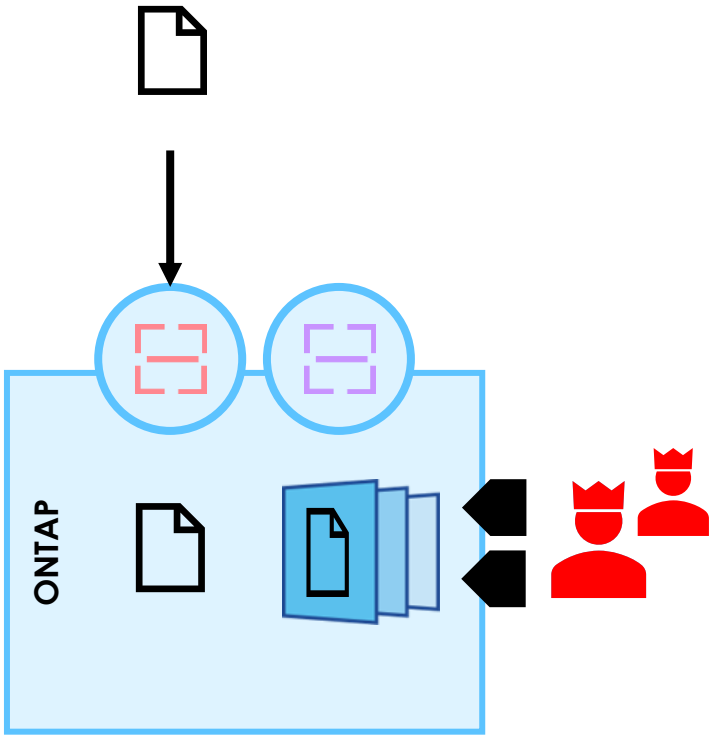
Real-time File Scanning & Control
FPolicy

On-box File Anomaly Detection
Autonomous Ransomware Protection

Admin Access Control
Multi-Factor Authentication

Admin Action Control
Multi-Admin Verification

ONTAP VORTEIL 3:
OPERATIONAL – SECURITY



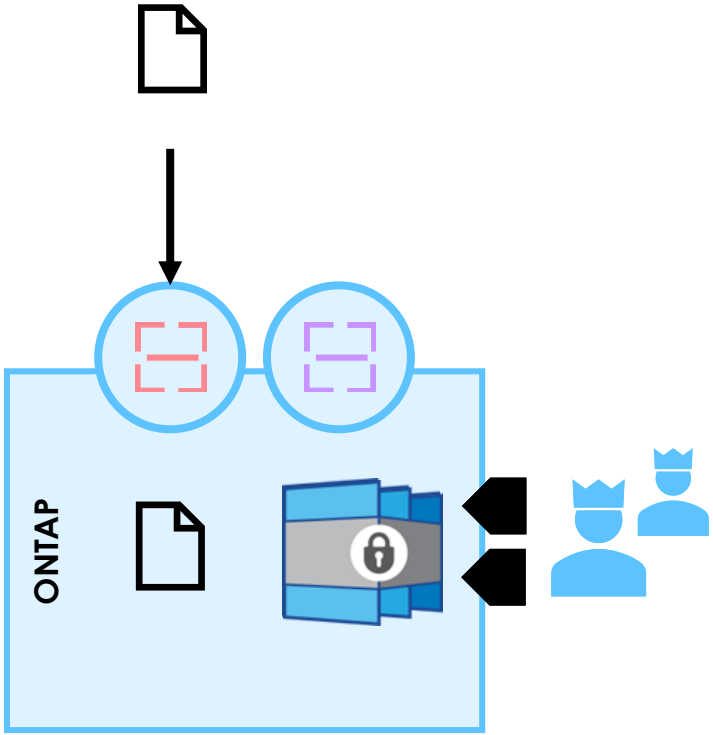
Real-time File Scanning & Control
FPolicy

On-box File Anomaly Detection
Autonomous Ransomware Protection

Admin Access Control
Multi-Factor Authentication

Admin Action Control
Multi-Admin Verification

ONTAP VORTEIL 3:
OPERATIONAL – SECURITY



Real-time File Scanning & Control
FPolicy

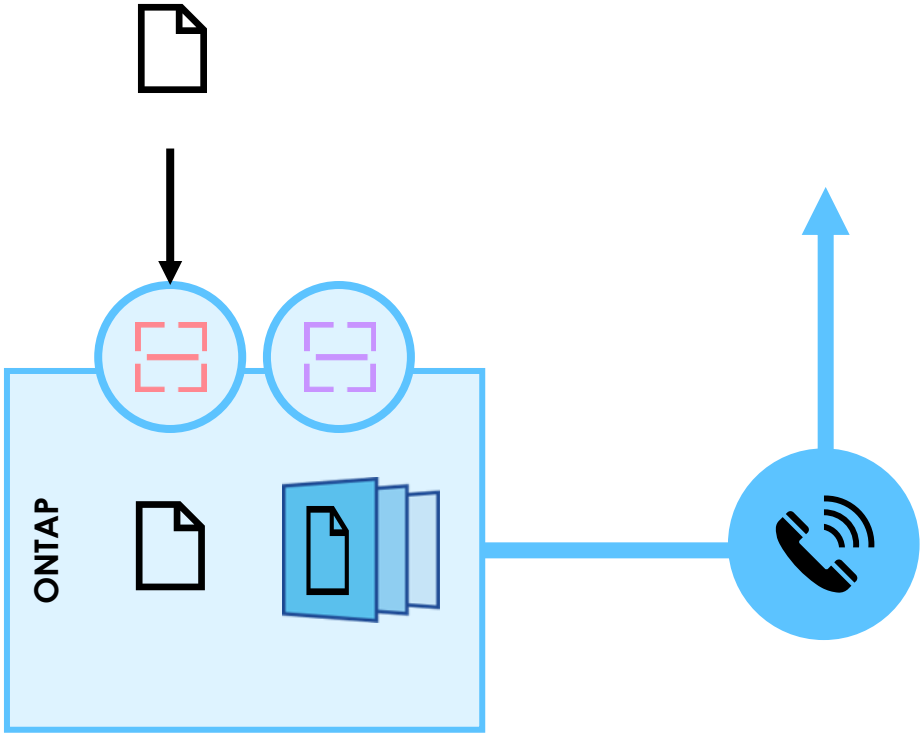
On-box File Anomaly Detection
Autonomous Ransomware Protection

Admin Access Control
Multi-Factor Authentication

Admin Action Control
Multi-Admin Verification

Immutable & Indelible Data & Backups
Tamperproof Snapshots
SnapLock Compliance

ONTAP VORTEIL 4: INTRINSIC – SECURITY



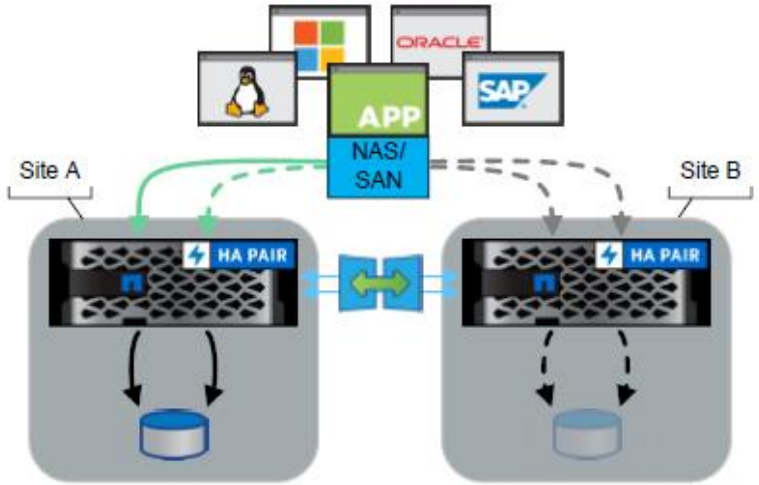
ActiveIQ AutoSupport

- Proaktiver Support
- Vulnerability Reporting
- Best Practices für Security

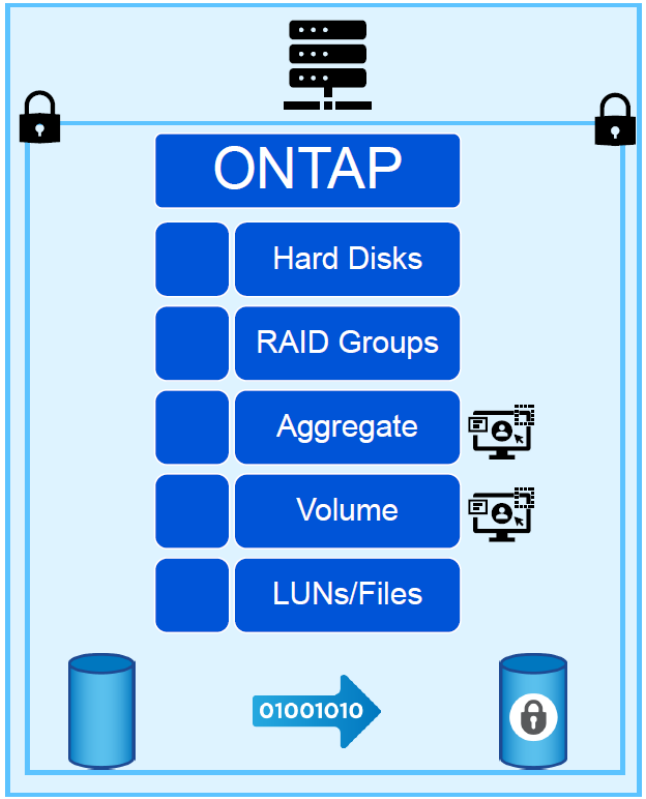
ONTAP VORTEIL 5:
BUSINESS CONTINUITY

Hochverfügbarkeit auf Infrastruktur-Ebene

Automatisierter Failover für SAN- & NAS



NETAPP ENCRYPTION



NETAPP VOLUME ENCRYPTION
Software-basierte Data-at-rest Encryption

NETAPP AGGREGATE ENCRYPTION
Software-basierte Data-at-rest Encryption

NETAPP STORAGE ENCRYPTION
Hardware-basierte Data-at-rest Encryption

NetApp®

The only enterprise storage vendor validated to store top-secret data

FIPS 140-2

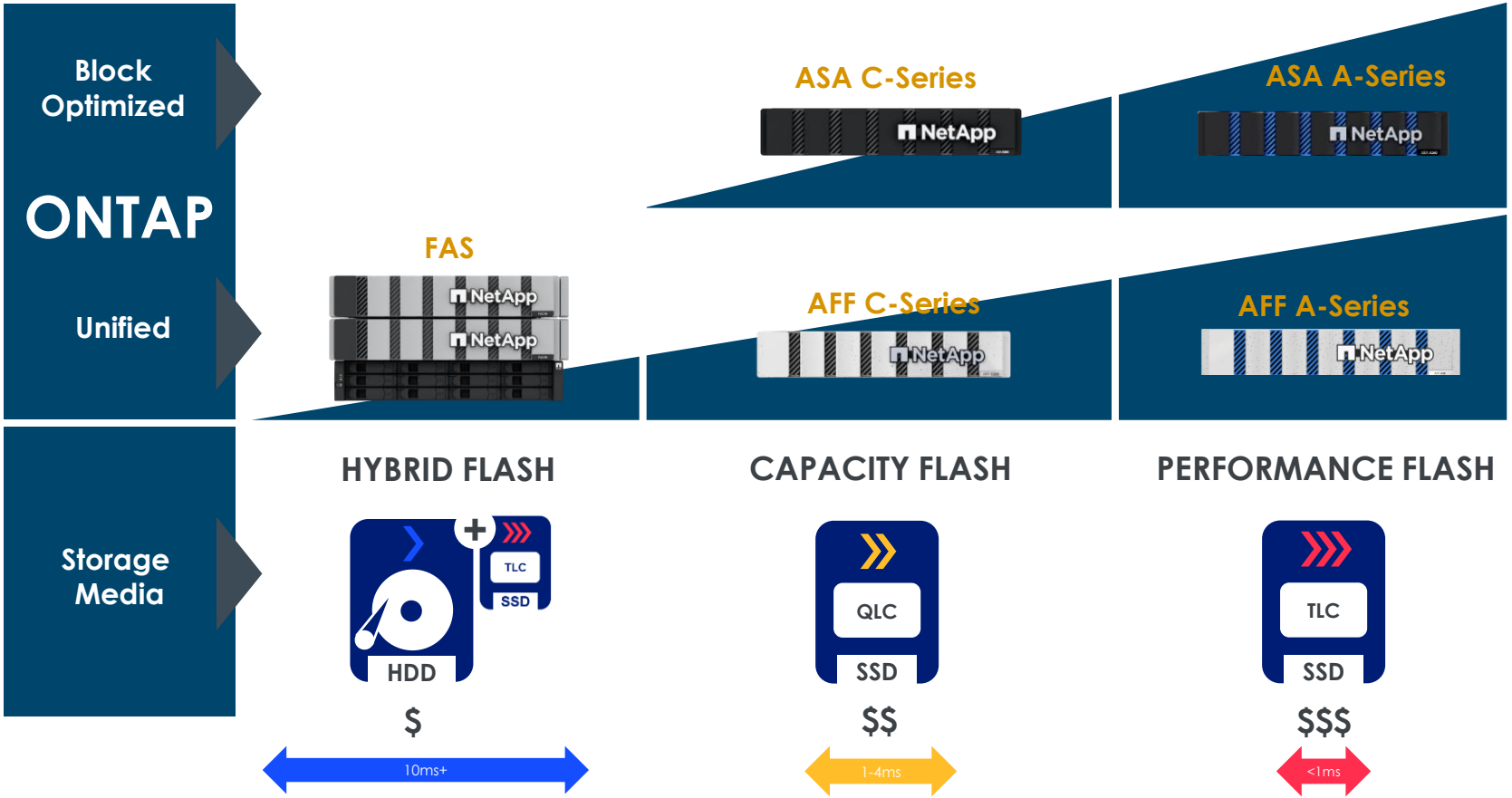
Common Criteria

U.S. Department of Defense Information Network (DoDIN) Approved Products List (APL)

Commercial Solutions for Classified (CSfC) Program Component List

NTS

NETAPP HARDWARE PORTFOLIO



NETAPP 3RD PARTY INTEGRATIONEN

ANTIVIRUS

SentinelOne
Trellix
Symantec by Broadcom
TREND MICRO

AV Connector

ANTI-RANSOMWARE

ProLion
CLEONDRIS
VARONIS
netwrix
VERITAS

FPolicy

BACKUP

veeam
COMMVAULT

S3 Object

AFF C-Series

Bestes Preis/Leistungsverhältnis für:

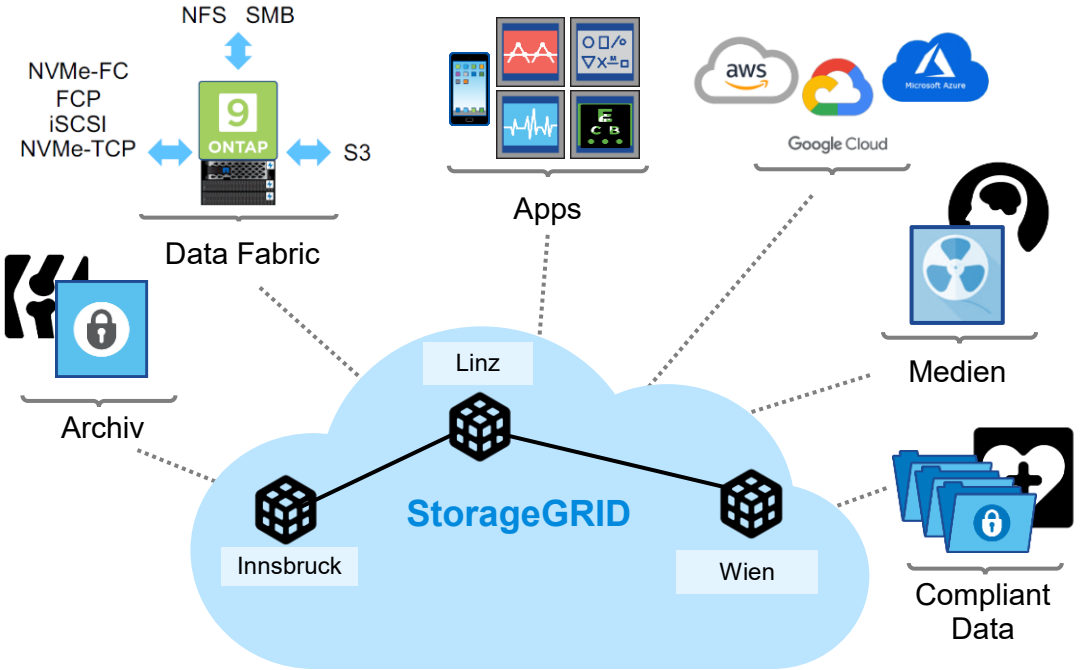
- Fast Backup & Restore
- Unlöschbare Backups

NTS

NetApp StorageGRID

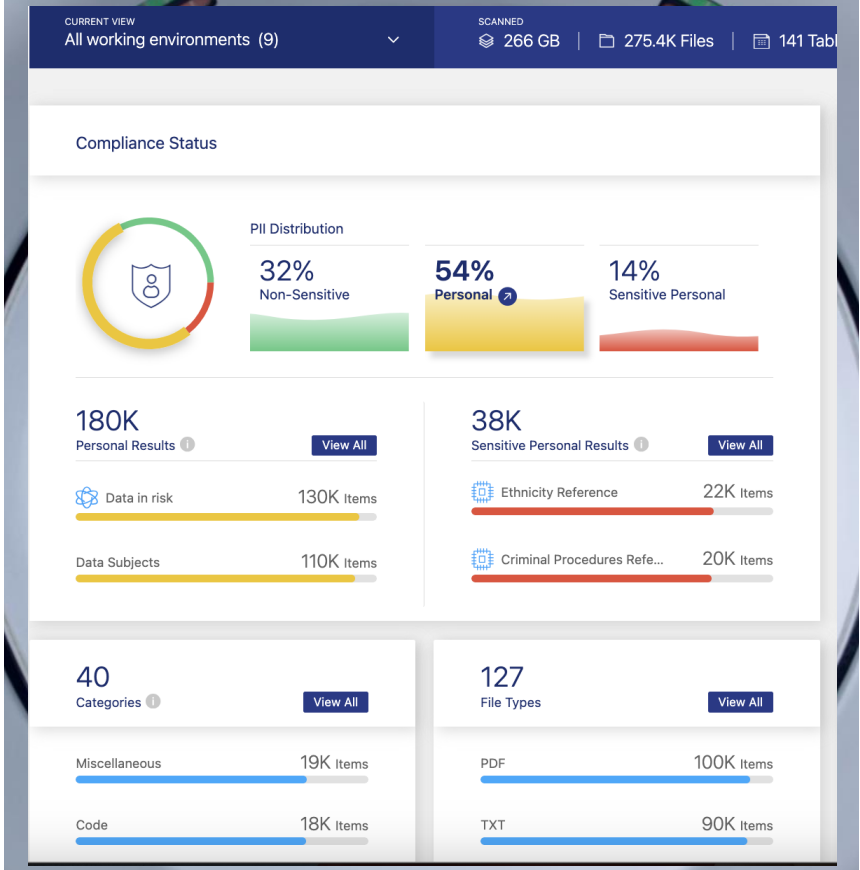
Verwalten von unstrukturierten Daten im großen Maßstab

- Software-defined Objektspeicher
- Hohe Verfügbarkeit & Skalierbarkeit
- Georedundant / Standort übergreifend
- Richtlinienbasierte Ablage von Daten
- Cloud-integriert
  - Spiegelung, Auslagerung, Benachrichtigung, Suche
- Flexible Implementierung
  - Appliances
  - Virtualisiert
  - Container



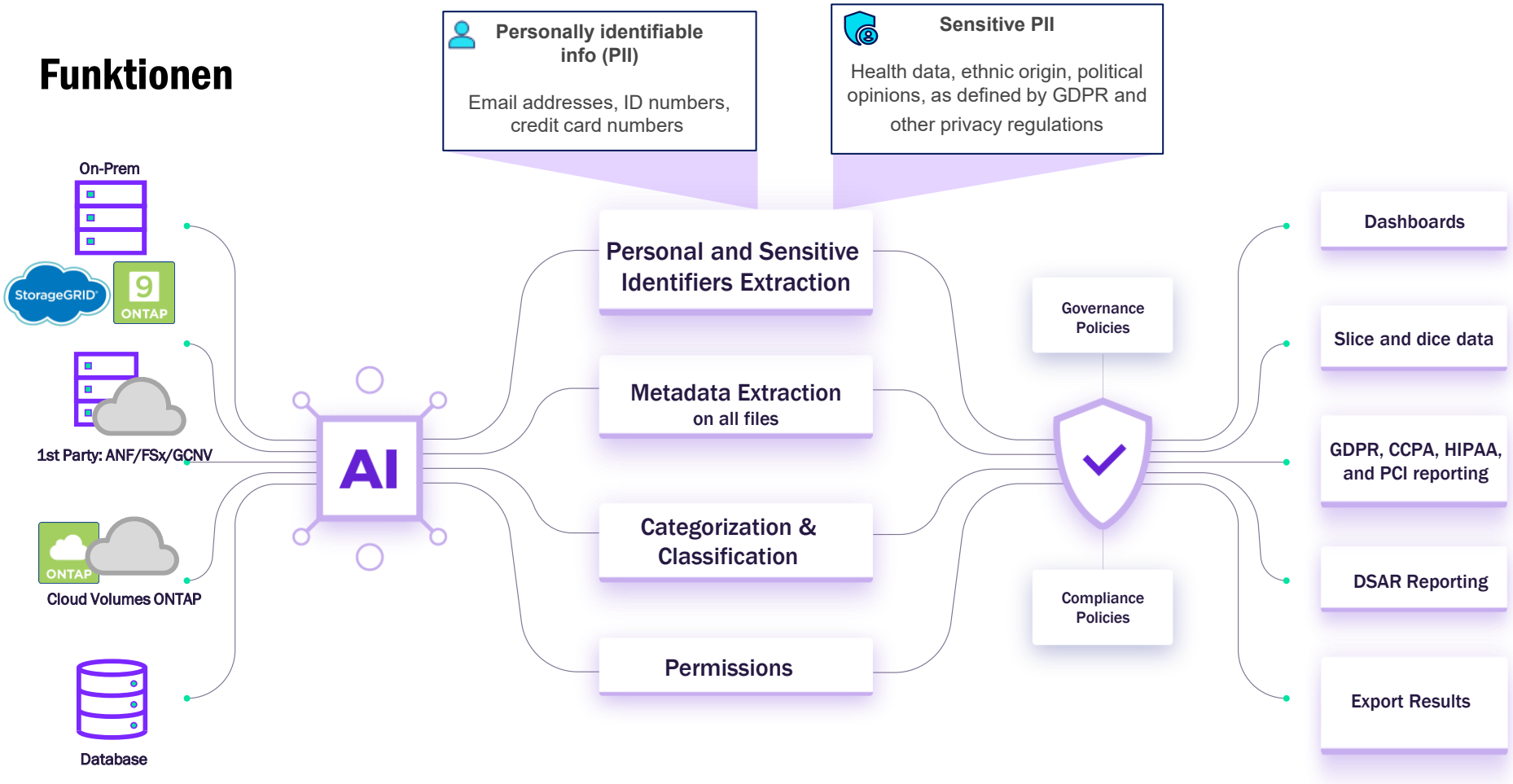
BlueXP Classification Service

- Umfangreiche Data-Governance-Software für Einblicke in Daten in hybriden Umgebungen
  - Welchen Inhalt haben die Daten, wie sensibel sind sie und wo befinden sie sich?
- Nutzt fortschrittliche KI und Natural Language Processing (NLP), um Dateninhalt und -kontext zu verstehen, jede Datei zuzuordnen, zu kategorisieren und zu klassifizieren.
- Die Ergebnisse können nach 28 Kriterien gefiltert werden.
- Einfache Dashboards, vorkonfigurierte Berichte und automatisierte Richtlinien.
  - **HIPAA-Bericht:** Hilft Ihnen, die Verteilung von Gesundheitsinformationen in Ihren Dateien zu identifizieren.



NetApp

Funktionen


Personally identifiable info (PII)
Email addresses, ID numbers, credit card numbers
Sensitive PII
Health data, ethnic origin, political opinions, as defined by GDPR and other privacy regulations
On-Prem
StorageGRID
ONTAP
1st Party: ANF/FSx/GCNV
ONTAP
Cloud Volumes ONTAP
Database
AI
Personal and Sensitive Identifiers Extraction
Metadata Extraction on all files
Categorization & Classification
Permissions
Governance Policies
Compliance Policies
Dashboards
Slice and dice data
GDPR, CCPA, HIPAA, and PCI reporting
DSAR Reporting
Export Results