



Data Resilience in Local Government

Anatomy of a Ransomware Attack



***Note:** There is no guarantee that the attacker will follow through with decryption even if ransom paid.
UNODC does NOT recommend paying a ransom and recommends preventive measures to reduce the risk of compromise.

The perfect storm of data explosion, complexity, and threats:

No one
is safe



72.7%

Of organizations fell prey
to Ransomware in 2023

Cost across
the globe



\$40 Billion

Projected costs due
to ransomware

Recovery is
more expensive



50%

Increase in avg cost of
recovery vs 2023

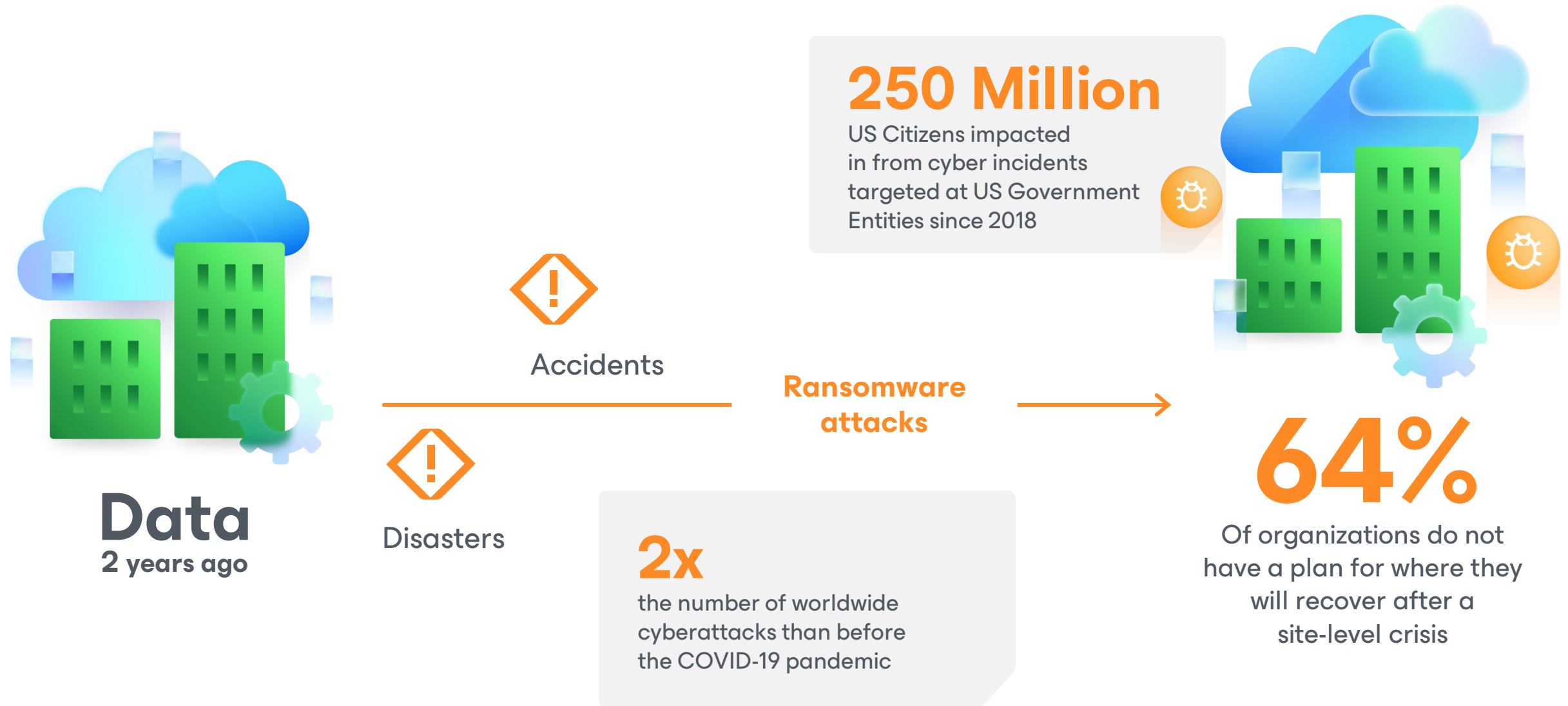
Surge in
Ransomware Complexity



1 in 4

27% of organizations
paid the ransom and never
got their data back

Data is under constant threat





The Threat of Cyberattacks to Local Government



Nearly **7 of 10 Govt agencies** reported cyber security incidents



A stunning **98 percent** of attacks against state and local governments led to data encryption, and **99 percent** involved attempts to compromise backups.



51% of State and Local Gov backup compromise attempts were successful



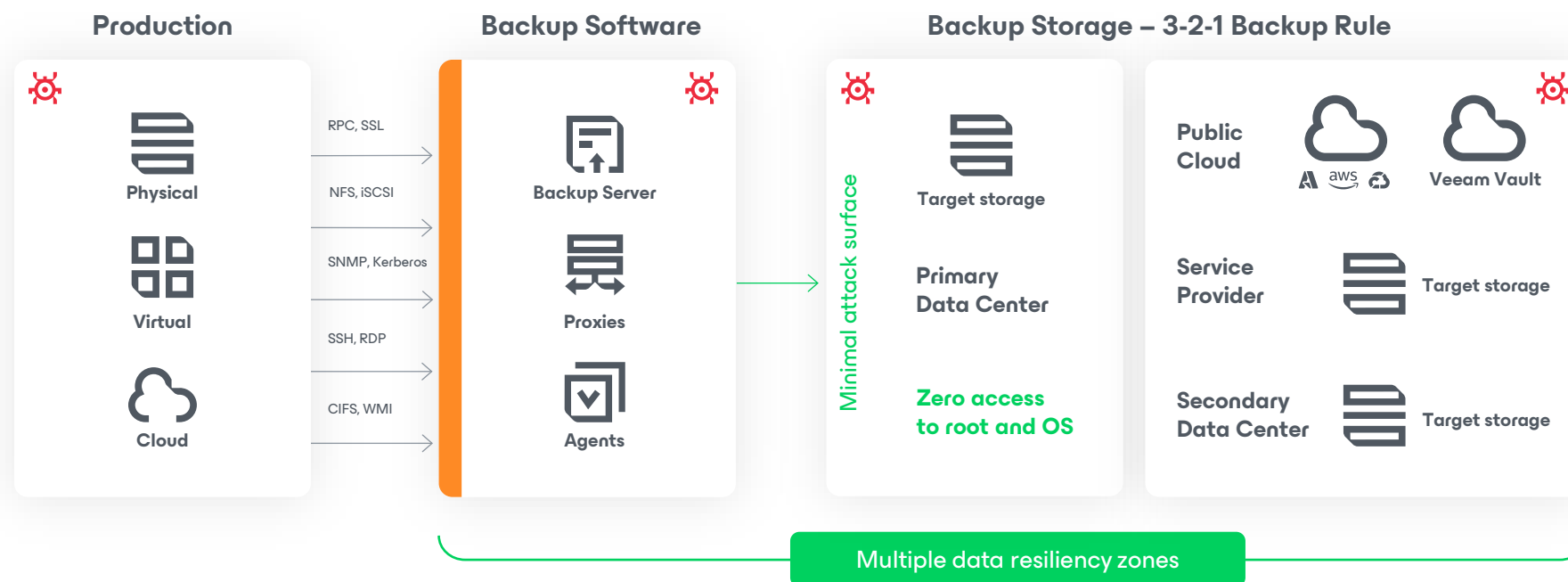
State and Local Governments end up paying on avg **104%** of the ransom demanded



43%
of data
won't be recoverable
post-Ransomware attack

Hardware-agnostic security with Zero Trust Data Resilience

Secure by design with Zero Trust Architecture



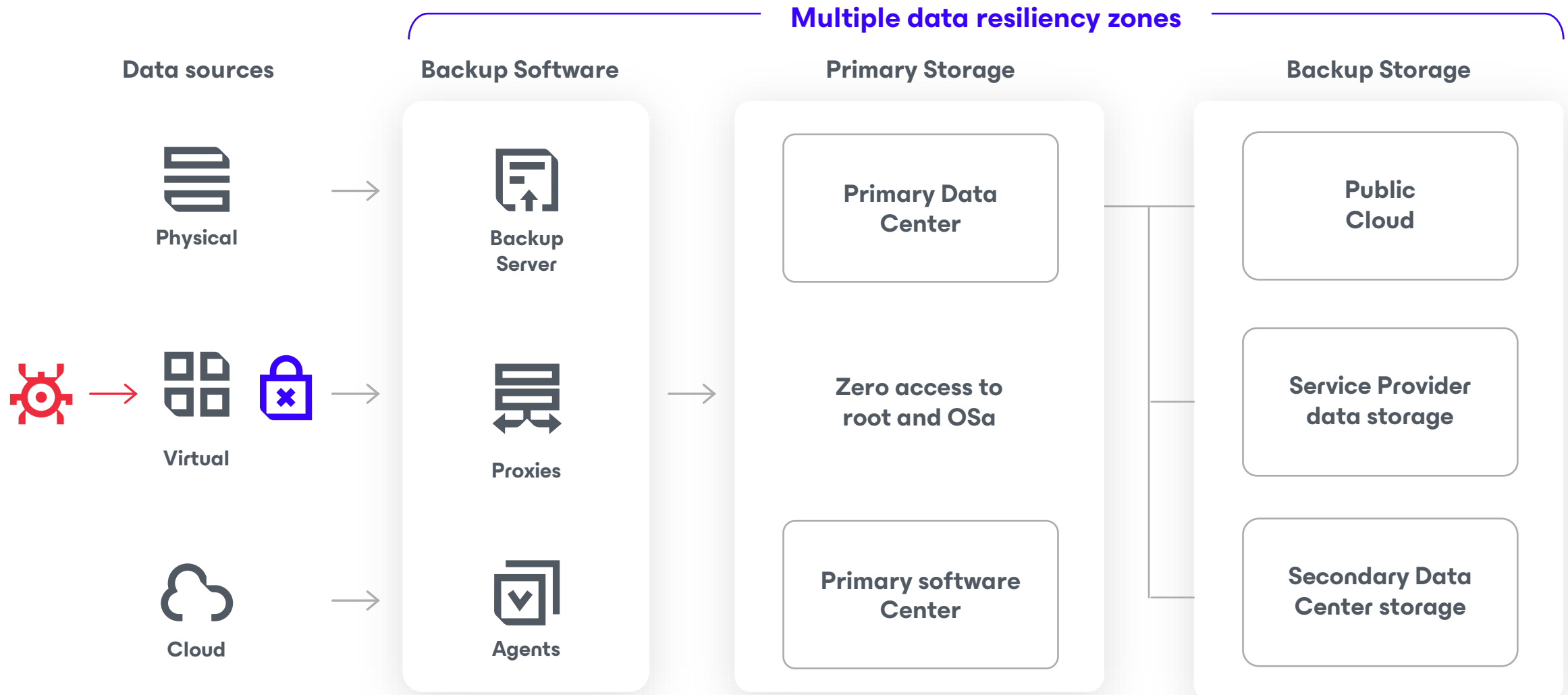
Segmentation of software & storage

Multiple data resilience zones

Immutable backup storage

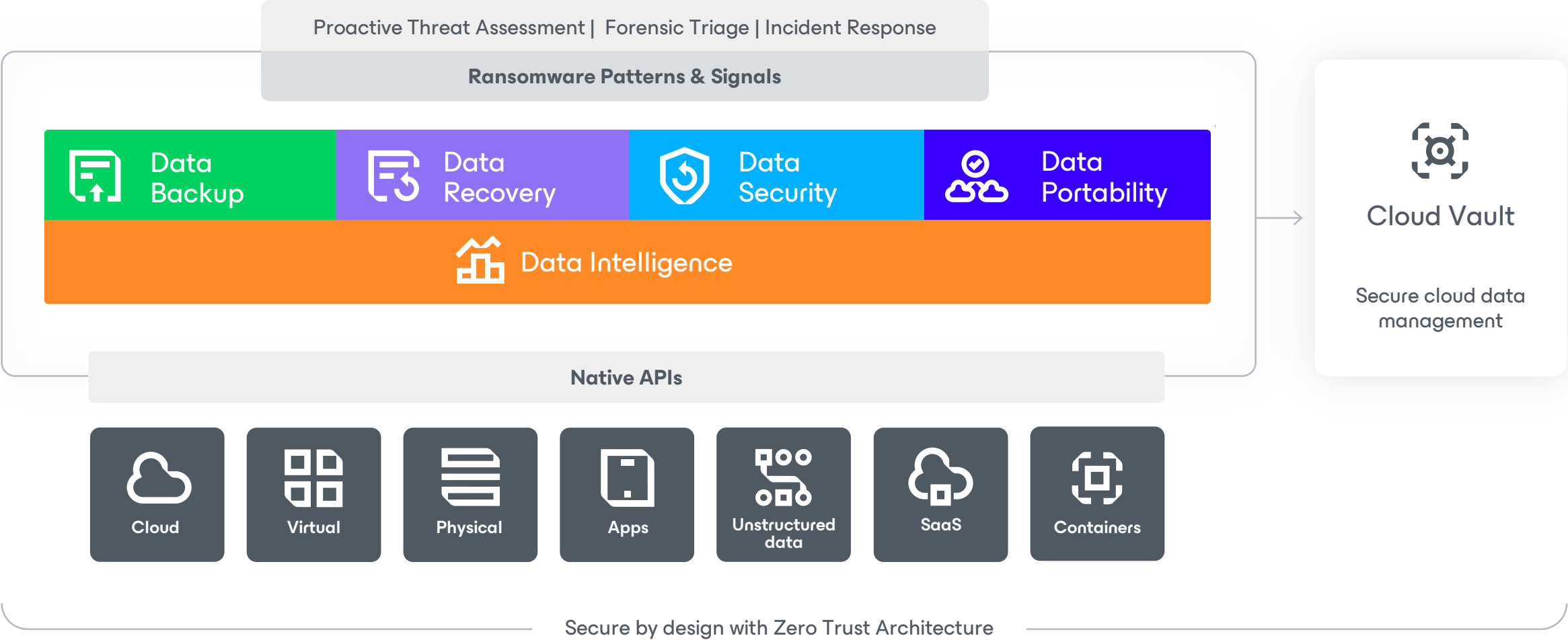


Hardware-agnostic security with Zero Trust Data Resilience





The Platform that brings data resilience to life





Data Backup



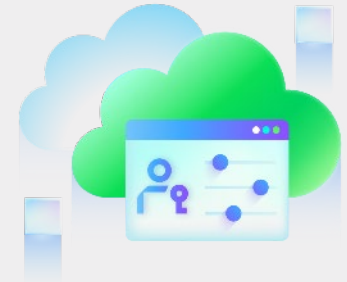
Broad coverage
with **platform-native
backup**



Optimized RPOs
and RTOs with
4-in-1 protection



Automated
recoverability testing
with **SureBackup**



Unified backup
management
at **enterprise scale**

Simplifies backup and
increases recovery speed
by 99%, **saving 40 hours**
each month

“ Veeam enabled us to recapture 40 hours of
productivity every month, allowing us to pivot on
our strategic roadmap of modernization projects,
including hardware refreshes. ”

City of Rancho Cucamonga



Over **5000 local Govt
Agencies** work with Veeam

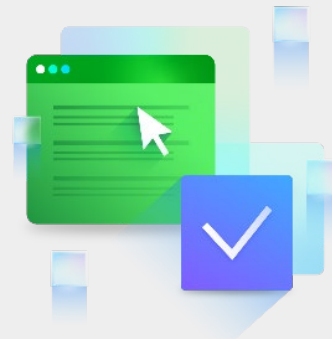
Data Recovery



Reduced
downtime with
Instant Recovery



Granular **search
and recovery**
across platforms



Advanced disaster
recovery planning
and orchestration



Clean, verified
recovery at scale
with **Secure Restore**

“ It’s a great feeling
being able to tell city
commissioners that
business continuity
is absolute ”

“ We finally found a solution that meets the city’s
data integrity needs. Veeam will be part of the
city’s lifeblood for the foreseeable future. ”

City of Sarasota



Guarantees business
continuity for the **first
time** in the city’s history



Data Portability



Broadest storage support, avoiding **vendor lock-in**



Migrate and modernize your apps and infrastructure



Recover from **anywhere to anywhere**



Modern protection for **modern workloads**

“ Veeam is widely recognized for cloud data management, so we know that piece of the puzzle is there when we need it. ”

“ We’re counting on Veeam to help us ensure all data is available whether it’s on-prem or in a cloud. ”

City of New Orleans

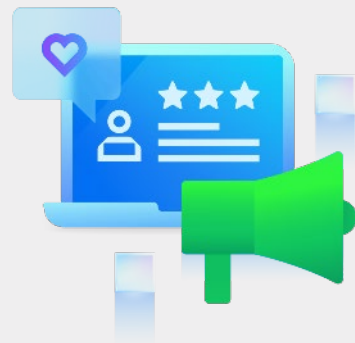


Patented Portable Data Format delivers complete Data Freedom that no other vendor can deliver

Data Intelligence



AI-powered detection and security scoring



Teams get answers faster with **AI Digital Assistant**



Automatic diagnostics and remediation analysis



Backup data reuse for **data mining, dev/test**

**Relentlessly
Driving Innovation**

“ Veeam protects data in so many ways — monitoring, alerting, reporting, verifying recoverability and instant recovery for real-time restore. ”

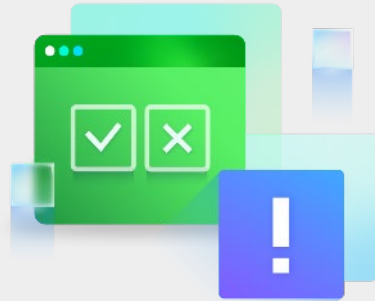
Hanover County



Data Security



Built-in security
with a **Zero Trust
Architecture**



End downtime with
Incident Response
services and tools



Detect threats
earlier with **proactive
threat hunting**



Data **integrity**
with **immutability**
everywhere

Veeam's AI-driven
threat detection is **the
industry benchmark**

Veeam has **integrated the
most comprehensive** array of
threat detection technologies

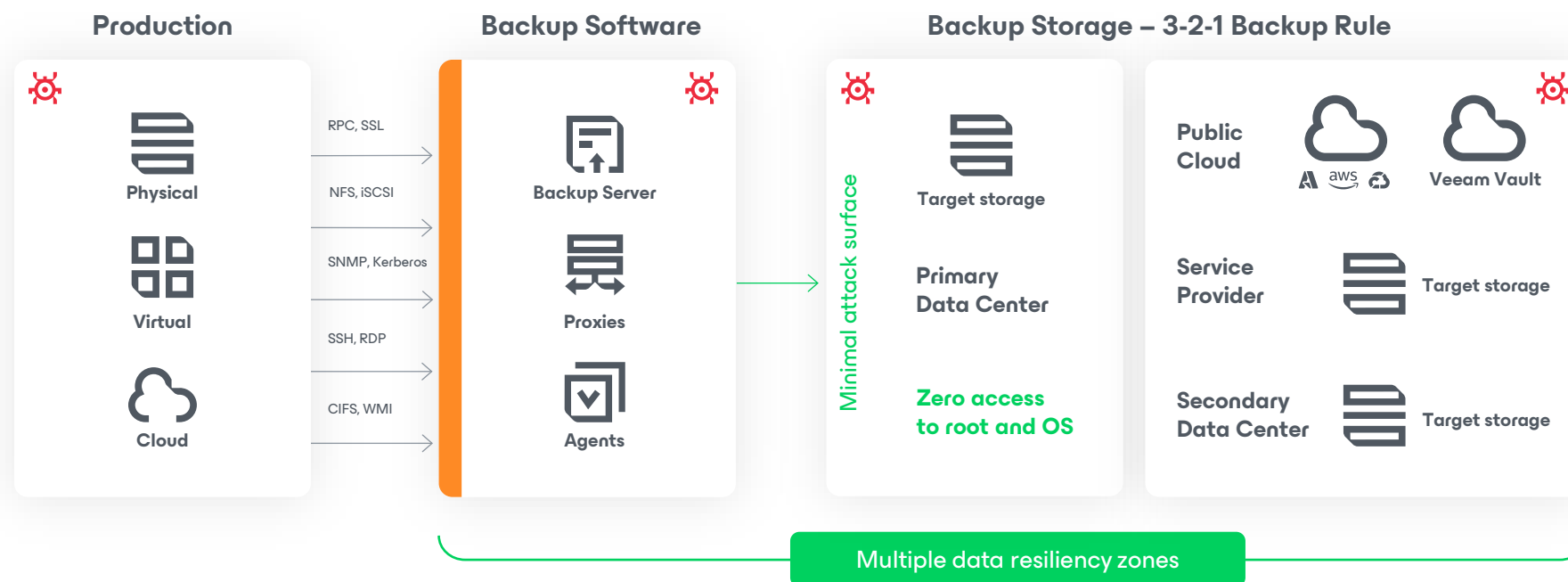
“ What I find fascinating about ransomware is that everyone wants to get in front of the problem, which is great, but what do you do when you get hit? Are you truly prepared? What's your business continuity strategy? ”

Kern County - CA

“ That's why Veeam is our last line of defense. It preserves our business operations. ”

Hardware-agnostic security with Zero Trust Data Resilience

Secure by design with Zero Trust Architecture



Segmentation of software & storage

Multiple data resilience zones

Immutable backup storage



Veeam Cyber Secure



Pre-incident

- Advanced Architecture and Design
- Documented, pre-tested and orchestrated recovery
- Support Account Manager
- And More



During incident

- Proactive threat detection
- Expert Incident Response with Coveware
- Ransomware SWAT Team with sub 30 minute SLA

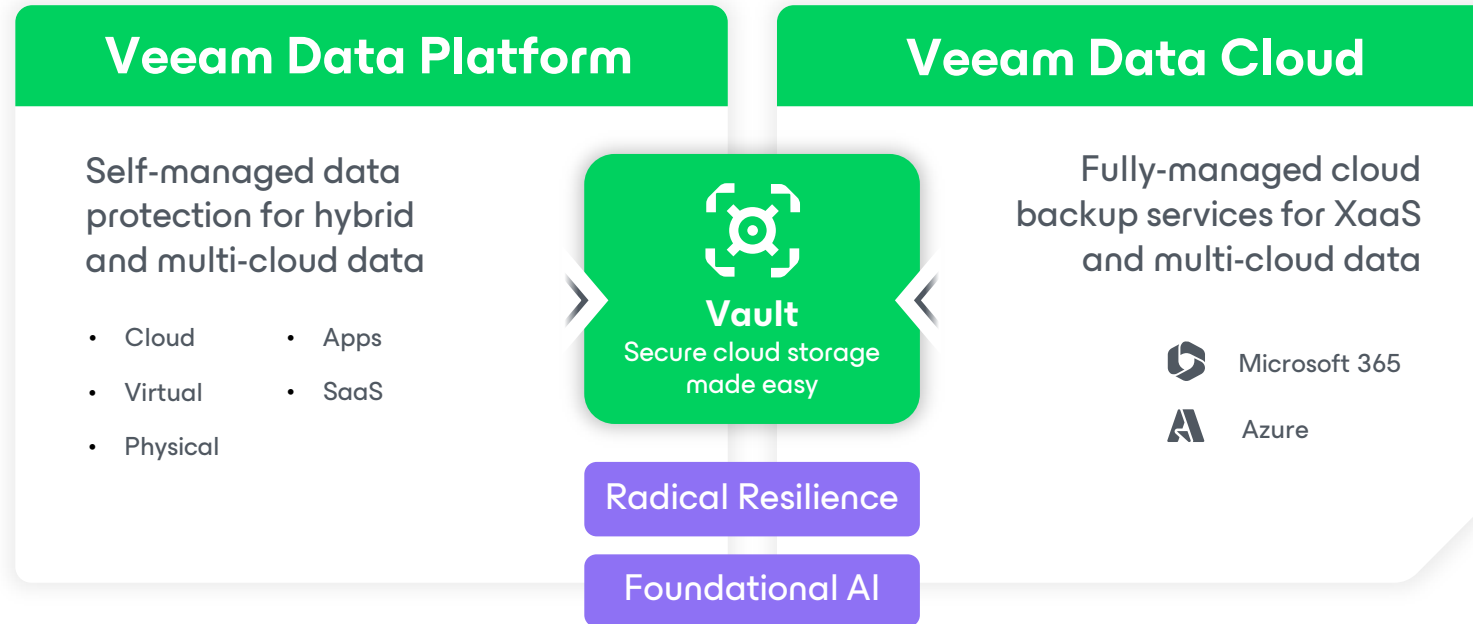


Post incident

- De-risk current cyber attack
- Prepare for the one ahead
- Courses and Quarterly tactics, techniques, and procedures (TTPs) analysis for all parties



Veeam Data Cloud Vault



A fully-managed, secure cloud storage resource on Azure that eliminates the headaches of managing infrastructure and unpredictable cloud cost models.

Predictable

Eliminate bill shock with flat, per-TB pricing on two tiers of cloud storage, inclusive of API calls, restore, and egress charges.

Secure

Safeguard your data on zero trust storage that's always immutable and logically air-gapped from production.

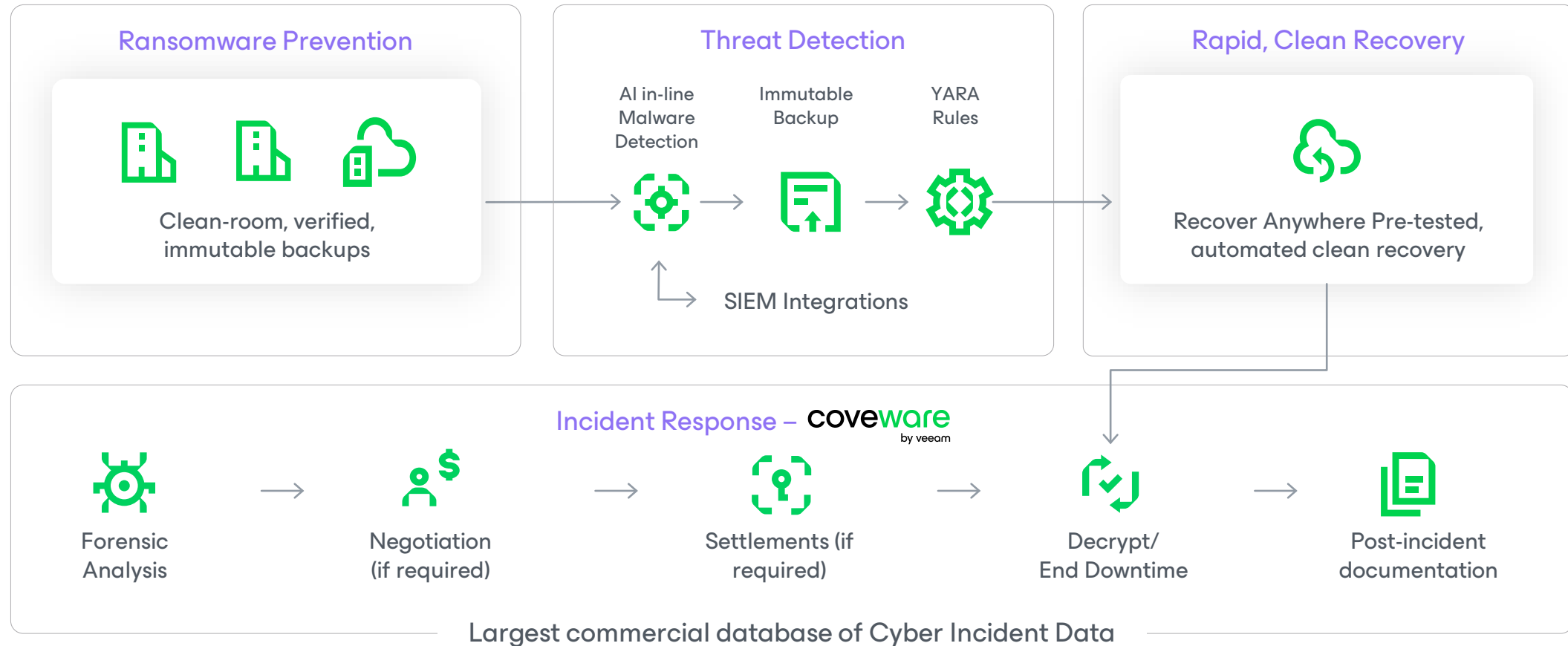
Easy

Access and use on-demand, fully-managed storage with zero config, management, and integration complexities.

Veeam provides the most complete end-to-end ransomware protection and recovery

Veeam Cyber Secure Program

24/7/365 SWAT Team | Health Checks | Ransomware Warranty | Incident Response Retainer





Empowering Government

Transformative Data Resiliency for Strategic Success

Freedom of Choice

Decisions Made Easier:

"Veeam is widely recognized for cloud data management, so we know that piece of the puzzle is there when we need it." "We're counting on Veeam to help us ensure all data is available whether it's on-prem or in a cloud."

City of New Orleans

Mission Focused,
Customer Centric



Digitizing Processes

Digital Leadership:

"Cities serve a digital world, so a city's best defense in a digital world is dependable data protection, and that's exactly what Veeam provides,". "We trust our data is backed up reliably and can be recovered fast. Veeam is the reason we don't lose sleep anymore."

City of Rancho Cucamonga

Solutions for
Government



End-to-End Resiliency

Lives Made Better:

"What I find fascinating about ransomware is that everyone wants to get in front of the problem, which is great, but what do you do when you get hit? Are you truly prepared? What's your business continuity strategy?" "That's why Veeam is our last line of defense. It preserves our business operations."

Kern County

Turning Knowledge
Into Process





Veeam is #1 in Data Resilience

Gartner

Market Share
Analysis: Enterprise
Backup and
Recovery Software

Gartner

Magic Quadrant,
ability to execute



Microsoft 365



Kubernetes &
Multi-cloud / Hybrid



global market share
in Data Replication
& Protection



Secure Recovery,
5x faster



Data
Portability