DELLTechnologies

vmware®

Secure every part of your foundation

Dell VxRail layers security on and integrates
it throughout your foundation.

Start with a cyber-resilient architecture

Cyberthreats are everywhere. That's why security must be just as pervasive.
And it's why more organizations are adopting a zero-trust approach to
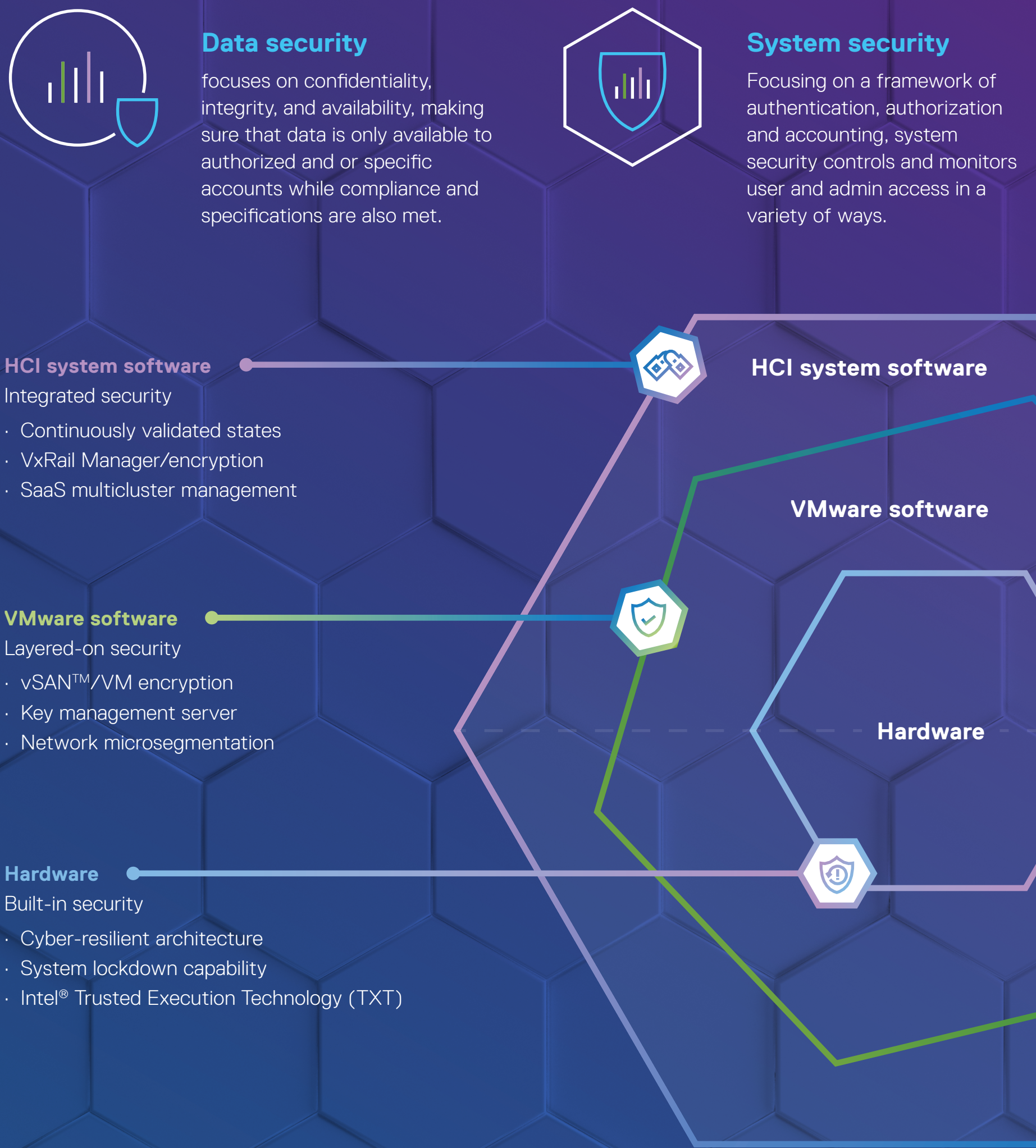protecting IT resources.

Dell VxRail provides a secure infrastructure foundation that protects your
business from all sides with overlapping security measures that protect both
your system and data. It starts with a cyber-resilient Dell PowerEdge
architecture at its core, layers VMware® security at the software level, and
integrates the two with yet another shield — Dell HCI system software.

95%

of businesses surveyed put
zero-trust among their top
5 funded initiatives.[1]

What is zero trust?

A zero trust security model anticipates vulnerability. Therefore, access to
enterprise resources is always conditional on demonstrating — and sustaining
— a pre-determined level of assurance or trust in endpoints and devices,
users, connections, applications and workloads, data, and operations.

Data security

focuses on confidentiality,
integrity, and availability, making
sure that data is only available to
authorized and or specific
accounts while compliance and
specifications are also met.

System security

Focusing on a framework of
authentication, authorization
and accounting, system
security controls and monitors
user and admin access in a
variety of ways.

HCI system software
Integrated security
· Continuously validated states
· VxRail Manager/encryption
· SaaS multicluster management

HCI system software

VMware software
Layered-on security
· vSAN™/VM encryption
· Key management server
· Network microsegmentation

VMware software

Hardware
Built-in security
· Cyber-resilient architecture
· System lockdown capability
· Intel® Trusted Execution Technology (TXT)

Hardware

Designed secure

VxRail is designed, engineered, built and managed as a single product
to minimize attacks by reducing the number of components in your
infrastructure. VxRail software lifecycle management and VxRail
composite bundles may include updates to BIOS, firmware, hypervisor,
vSphere® or any of the included management components that make
updating the complete software stack simpler and more secure.

Fully protecting your environment requires defense in-depth with multiple
layers of security. Dell Technologies and VMware offer security layers
from edge to core to cloud that prioritize and continually address security.

**For more information,
download the Dell VxRail
security white paper or read
the following case studies.**

✔ NTT Docomo: Building cloud infrastructure
   for the 5G era
✔ KASIKORN Business – Technology Group: The fast-track
   to digital-first banking
✔ UTSA: Time to science accelerated with
   digital transformation
✔ Miami Dolphins: Top scores for game-day experience
✔ City of Doral: Building the foundation for a Smart City