

The Worry-Free Approach to Digital Transformation

Unleashing the Potential of Smart Enterprises

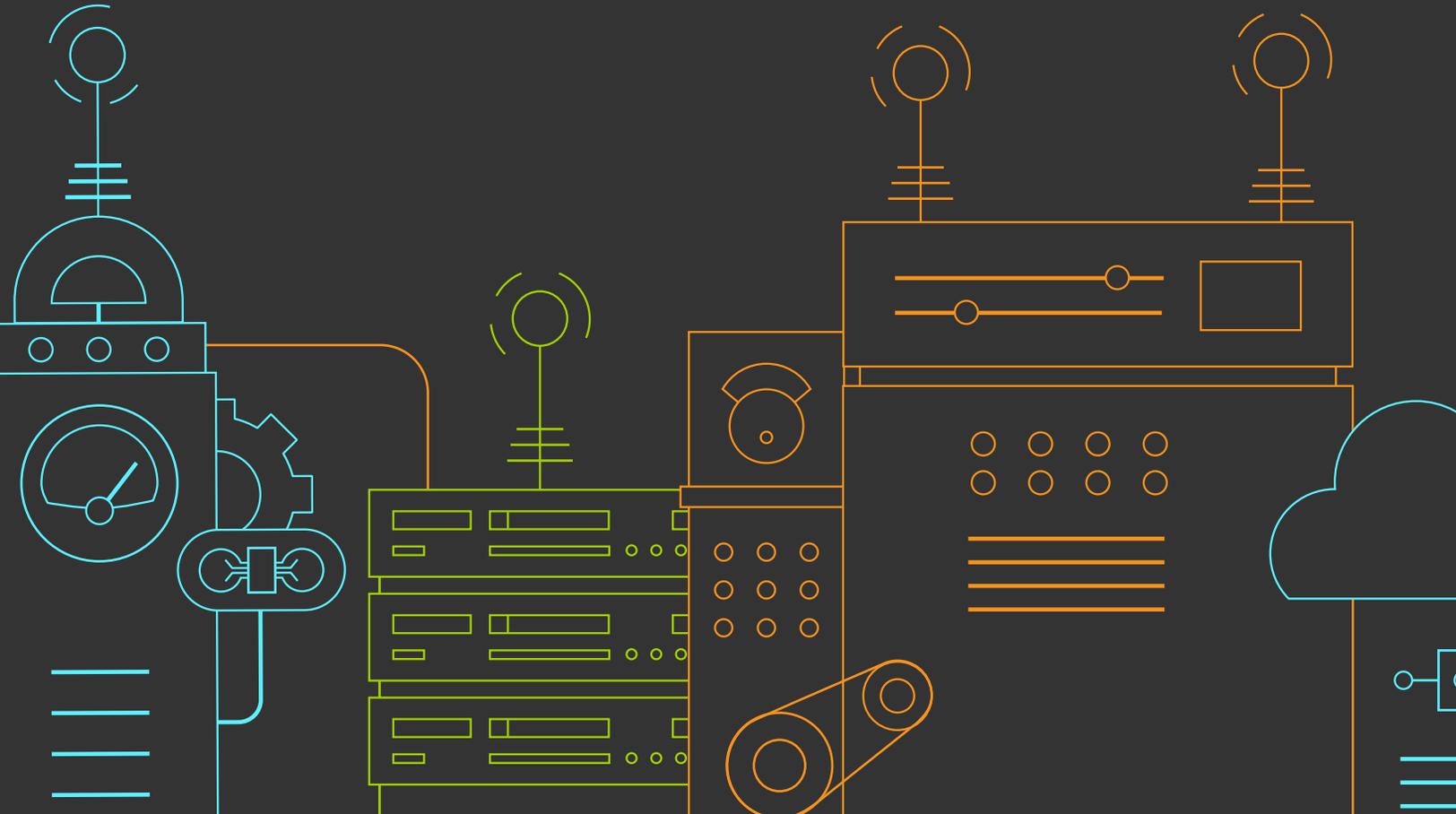


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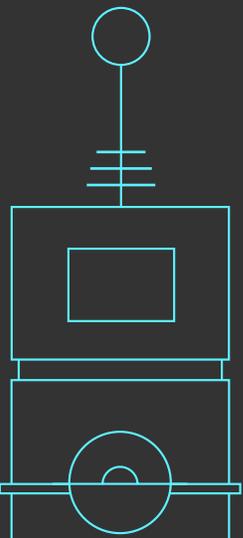
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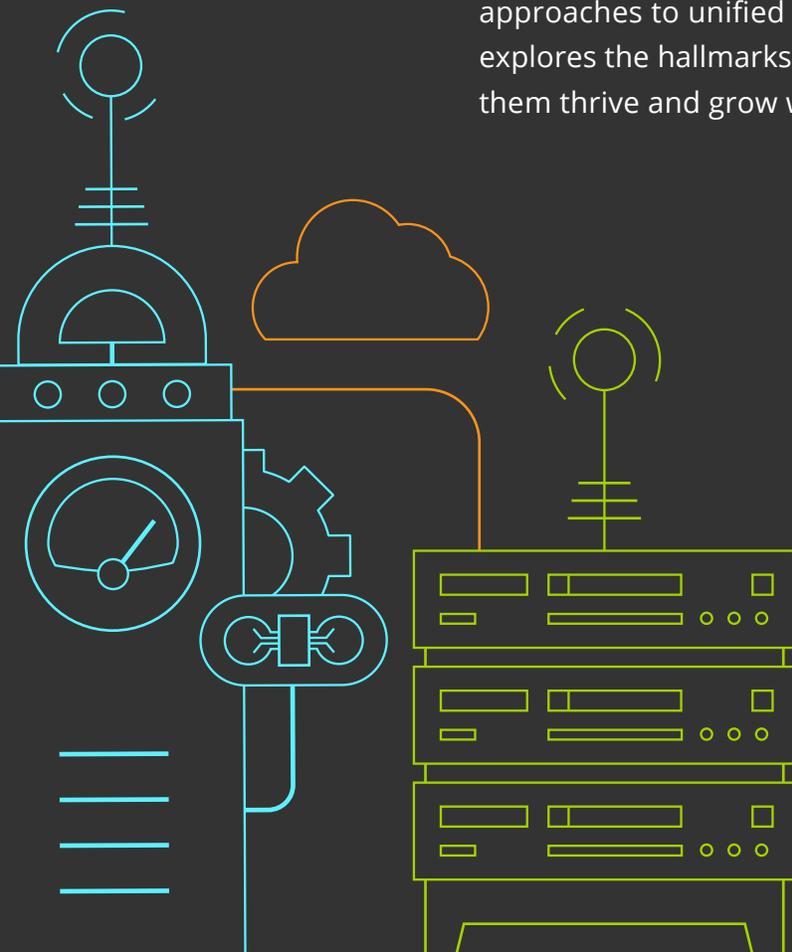


Introduction

New technical realities are reshaping the Smart Enterprise. For organizations that can achieve a successful digital transformation, these realities represent immense opportunities to foster innovation, increase cost efficiency, accelerate productivity, and deliver meaningful customer experiences. By espousing these key objectives, organizations can stay relevant in today's ever-changing marketplace.

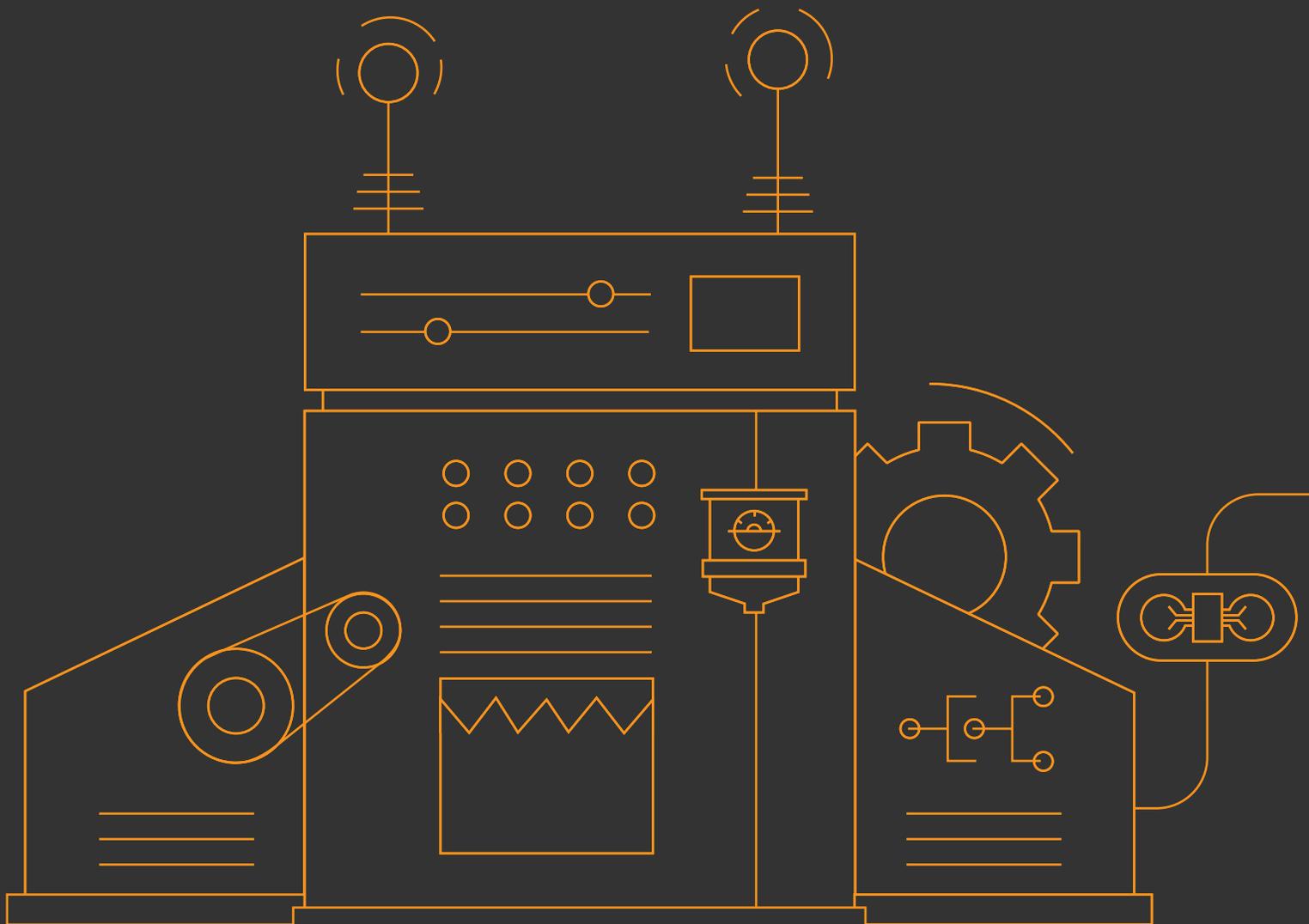
From ubiquitous connectedness to augmented intelligence, today's technologies have the potential not only to help Smart Enterprises meet their business goals but also to differentiate them from companies that are slower to adapt. Having the technology edge can help you seize new opportunities faster, putting more distance between you and the competition.

Thanks to a rock-solid and comprehensive portfolio of Smart Enterprise solutions, NEC can enable digital transformation and introduce advanced approaches to unified communications (UC) and IT services. This eBook explores the hallmarks of Smart Enterprises and shows how NEC can help them thrive and grow with a worry-free approach to IT.



1

Connecting the Enterprise for Powerful Team Collaboration



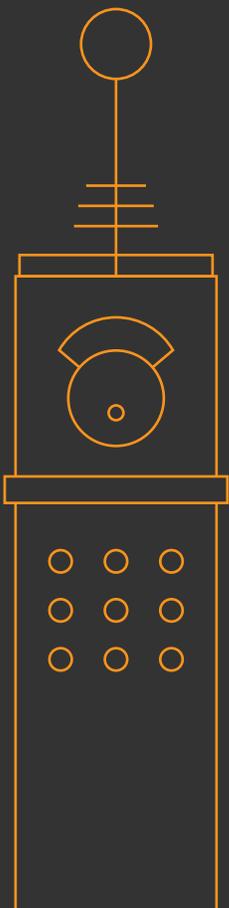
One of the most important realities reshaping the Smart Enterprise is the rise of mobile computing. Smartphones and tablets are now surpassing PCs as the most consistently used business tools. Today, employees want to work from anywhere at any time, with always-on access to data and applications, including collaboration tools. Smart Enterprises ensure that these users are fully integrated with their organizations and seamlessly connected to their colleagues, business partners, and customers.

UC functions such as single-number reachability, presence information, trouble-free conferencing, team workspaces, easy file sharing, and efficient routing through the company network are critical in enabling organizations to operate effectively in fast-paced business environments.

Building Collaborative Communities

Today's communication methods must be not only immediate, but flexible enough to meet the needs of individual organizations as well as individual users. With so many channels for communication, users often waste valuable time trying to locate and contact their colleagues. And still more time is wasted by limiting users to a handful of communication methods—methods that don't necessarily work best for them.

Ensuring a swift response when an answer is vitally important is key to effective business operations—from product development to customer care. Unified communications and collaboration tools allow both formal and informal groups to work together in real time, creating collaborative communities. Equipped with these capabilities, Smart Enterprises can reinvent their customer engagement models, reshaping their business approach from product driven to customer focused.



The Worry-Free Approach to Communication and Collaboration

NEC's UC solutions allow your users to access voicemail, email, messaging, and other communications from any device, and they facilitate communication with colleagues no matter where they are. Collaborating, conferencing, and messaging are streamlined, including for mobile workers.

Named the 2016 Enterprise Communications Transformation Strategies Company of the Year by Frost & Sullivan, NEC's comprehensive UC portfolio includes:



UNIVERGE BLUE Business Cloud Services Unified Communication-as-a-Service (UCaaS)



UNIVERGE SV9000 Series UC hardware and software-based systems

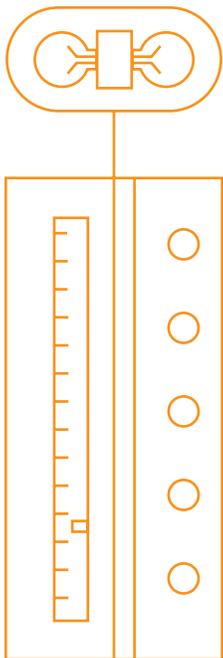


UNIVERGE 3C software-based communications platform for businesses of all sizes



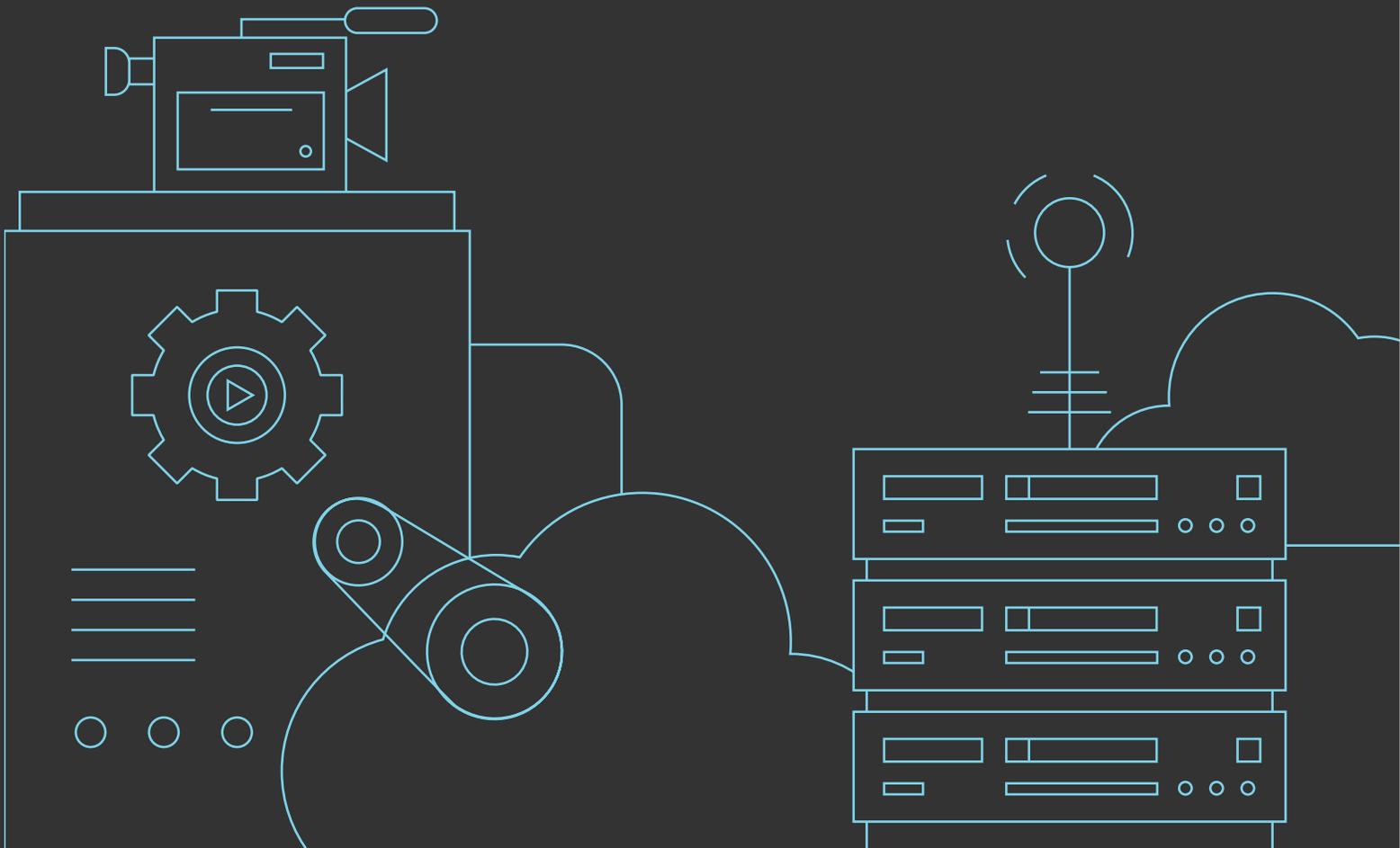
SL2100 communications systems that provide cost-effective UC for small businesses

NEC also offers customizable hybrid solutions to meet the exacting requirements of smart enterprises.



2

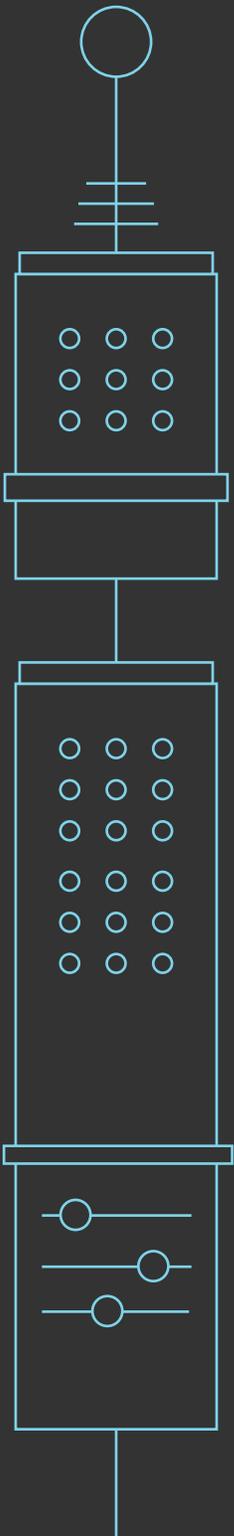
Protecting Your Business—at Scale

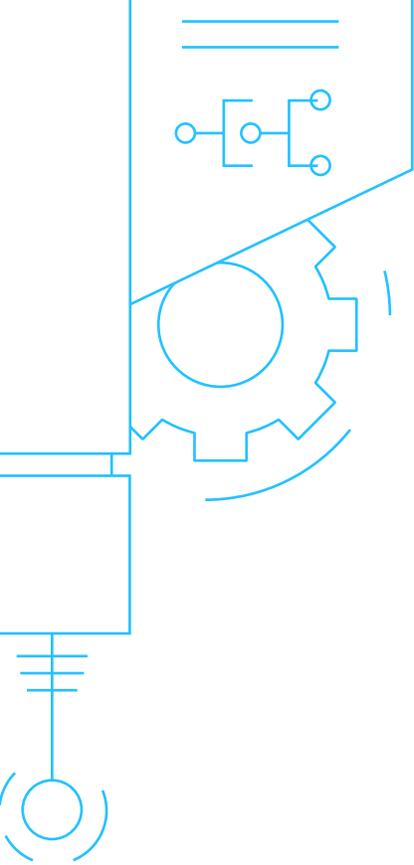


Scalability is essential for Smart Enterprises, allowing IT organizations to meet the technology demands associated with growth. Flexible scalability allows you to act quickly to meet new business needs without having to reinvent the wheel. At the same time, security, data protection, high availability, and business continuity have to be designed into every part of the infrastructure—with capabilities that scale in step with the business.

Scalability is essential for Smart Enterprises, allowing IT organizations to meet the technology demands associated with growth.

An always-on, continuously available ecosystem that proactively protects against downtime and data loss is essential for enterprises facing the ongoing realities of massive data growth, new security threats, and potential disasters. End-to-end data protection, fault-tolerance, and readiness for fast recovery is a key investment in the future stability of every organization.





Accommodating Dramatic Data Growth and Demanding Requirements

Flexible scalability allows you to budget accurately by making costs more predictable, and it allows you to grow your technology resources without the fear of prohibitive up-front fees or forklift migrations. Modular services, pay-per-use pricing models, and flexible deployment options allow businesses to invest in what is needed now while leaving options open for future expansion. But any disruptions in business-critical applications that occur along the way can seriously damage business health. By integrating comprehensive security, data protection, high availability, and business continuity capabilities at the outset, enterprises can grow the infrastructure without putting business operations at risk.

The Worry-Free Foundation for Digital Transformation

NEC's award-winning portfolio of always-on platform solutions allows you to transform your critical IT application systems as your business needs evolve. You can act with agility and resiliency to accommodate digital transformation while maximizing business continuity. NEC IT platform solutions include:



Express5800 Fault Tolerant (FT) servers, a computing platform with modular hardware redundancy that provides up to 99.999% uptime



ExpressCluster, a software solution providing granular system monitoring and fully automated local or remote recovery



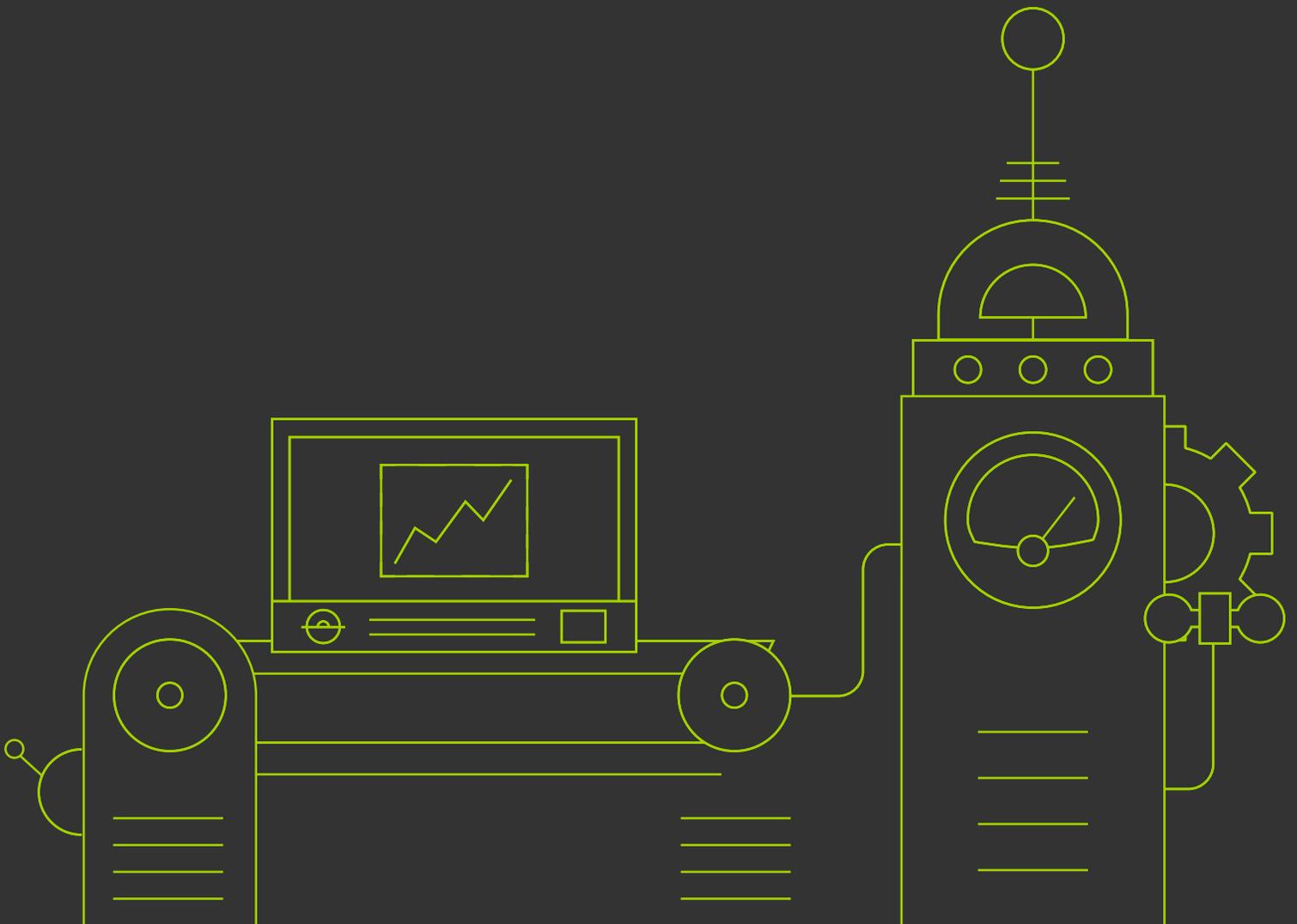
HYDRAsstor, a scale-out grid storage solution with erasure-coded data resiliency



M-Series, an advanced SAN storage solution with self-encrypting drives

3

The Competitive Edge: Embracing What's Next



What's next for the Smart Enterprise? The coalescence of cloud technologies with the Internet of Things (IoT), augmented intelligence, biometrics, software-defined infrastructures, big data intelligence, and more. Once out of reach for all but the largest organizations, these technologies are now the realities that drive business today. Companies that embrace these and other technologies as they evolve will have the competitive advantage, with dynamic infrastructures that are both smart and secure.

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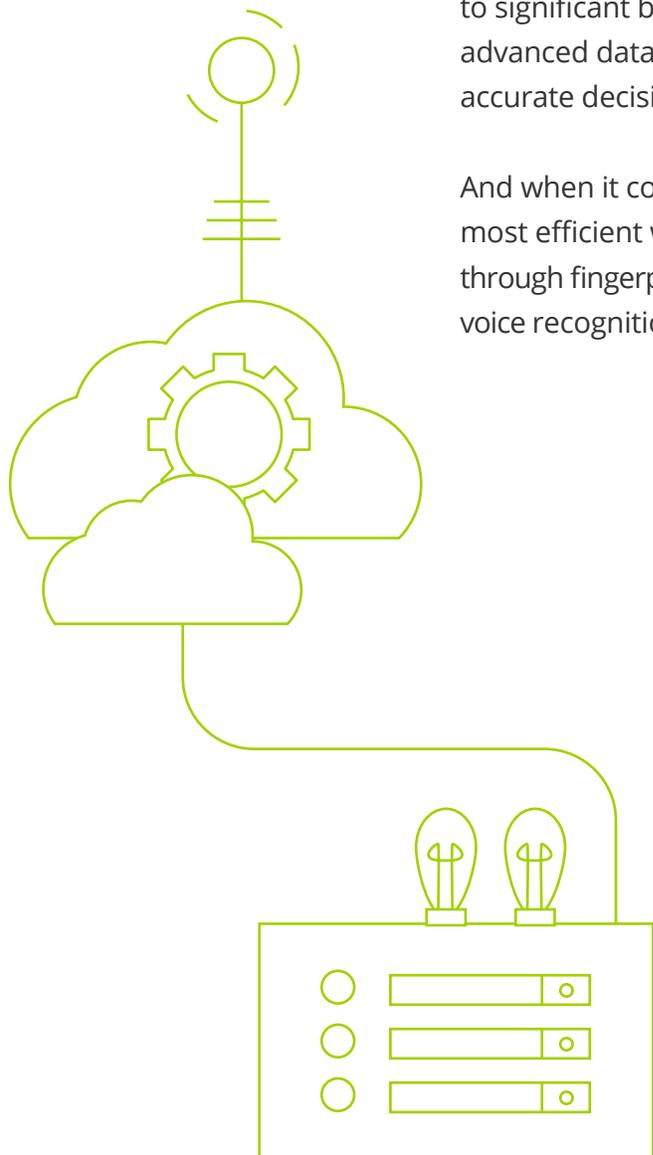
Toward the Intelligent Edge

Unprecedented data is flowing into today's organizations. This surge of big data is captured from mobile devices, social media, log files, emails, sensors, images, and many other sources to drive business intelligence that can optimize operations, empower employees, streamline product design and development, and enhance customer service.

As the cost of sensors decreases and our data processing capabilities increase, IoT becomes an ever-important source of information. And with data analysis that takes context into account, organizations can examine and utilize big data in more meaningful ways.

While placing high demands on data communications, processing, and storage, augmented intelligence can yield significant insights that translate to significant business value. Data matching, pattern recognition, and other advanced data processes can be combined to empower faster and more accurate decision making.

And when it comes to security, biometrics technology provides the fastest, most efficient way to identify people—even in high-traffic areas—whether through fingerprints, facial definitions, body contours, retinal scans, or voice recognition.



The Worry-Free Approach to Edge Technology

NEC solutions provide a wide range of targeted enterprise solutions, all from a single, trusted source, including:



Infrastructure solutions, including advanced software-defined networking (SDN), integrated UC, and high-performance data center solutions

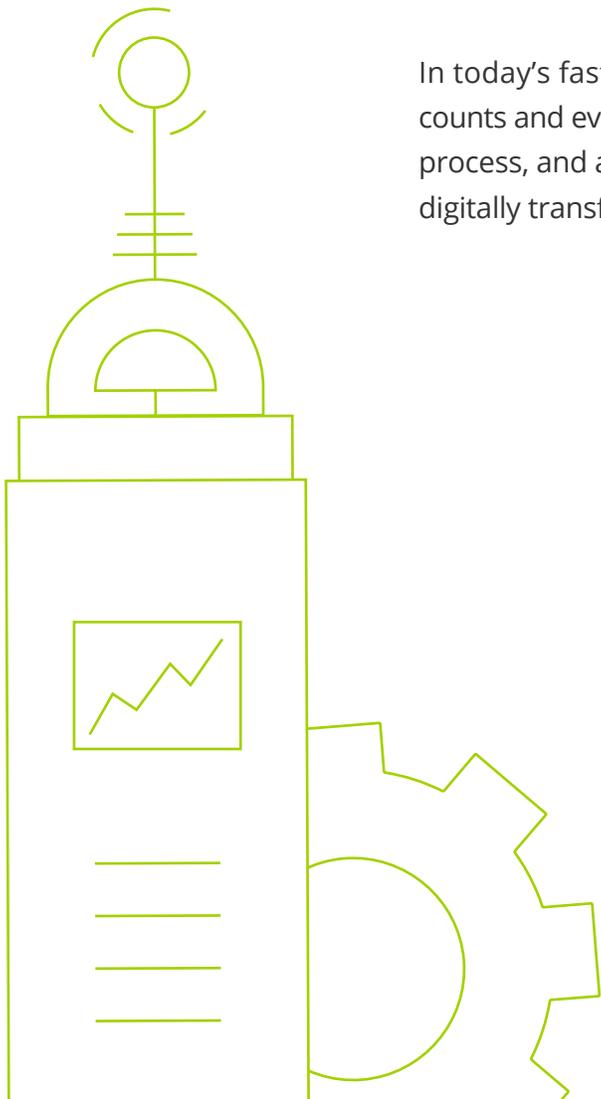


Data solutions that convert data into intelligence, creating consumable and actionable information



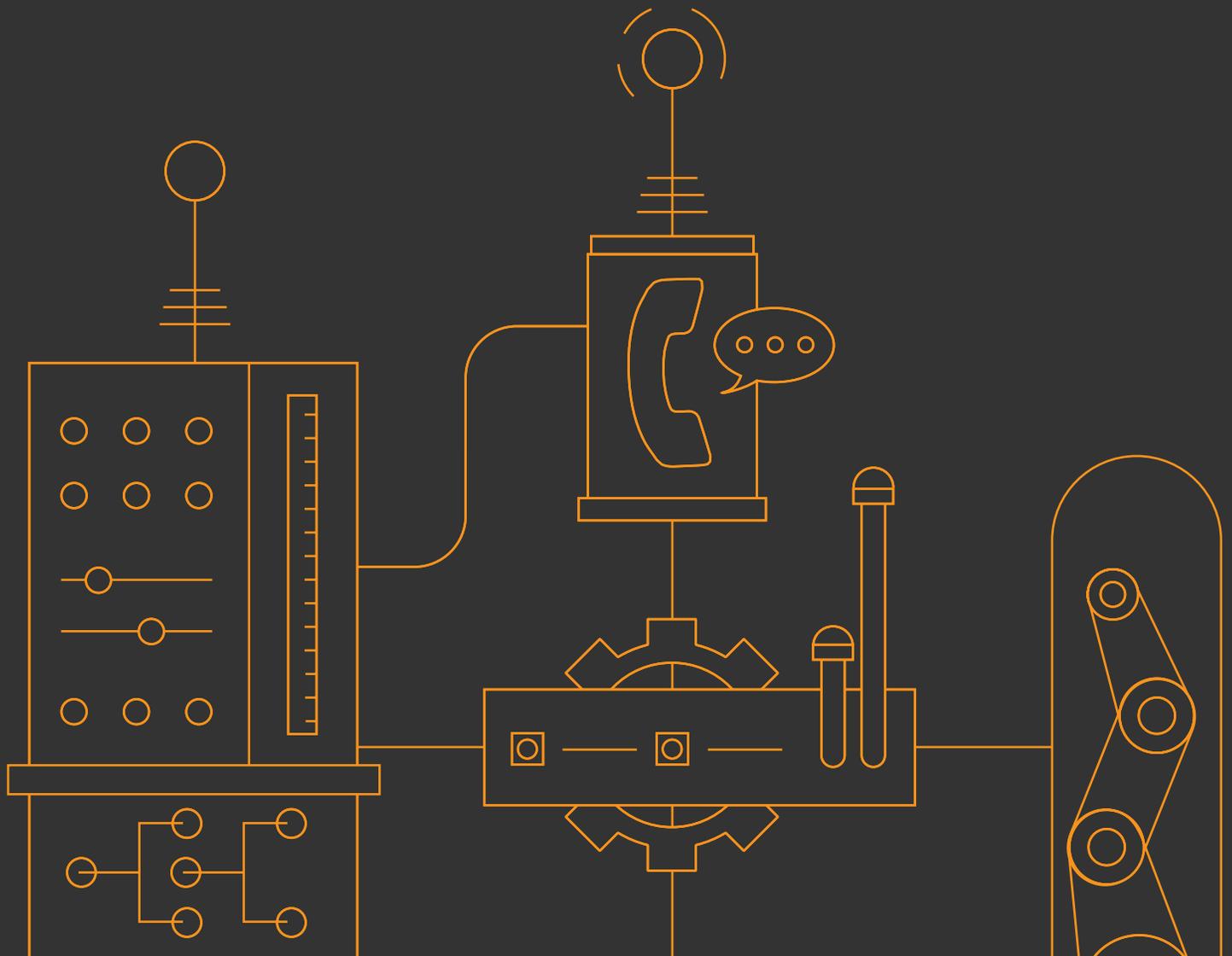
Security solutions that help identify potential risks and enable faster responses to cyber-attacks

In today's fast-paced business environment, where every millisecond counts and every nugget of data is important, the ability to capture, secure, process, and analyze data offers enterprises a tremendous opportunity to digitally transform every aspect of the business.



4

A Smart Partner for the Smart Enterprise



Today's organizations don't have to face these new realities alone. Smart Enterprises rely on established partners like NEC to facilitate digital transformation and create IT infrastructures, processes, and services that best serve the needs of a data-driven company.

A History of Innovation

Since 1899, NEC has empowered organizations of all sizes and across all industries to meet their business goals, providing innovation and insights that drive business success. With more than 64,000 patents, more than 99,000 team members worldwide, and nine global research and development labs, NEC supports customers in more than 160 countries.

NEC is now an official technology partner of the PGA, providing cutting-edge technologies throughout the 2018 season, including the Enterprise Video Analytics (EVA) biometrics solution, NeoFace Express, a rapid identity verification and authentication solution, and interactive stats features on a number of PGA platforms.

Smart Enterprises like the PGA leverage NEC's technologies to optimize business practices, drive workforce engagement, and create a competitive edge. This is how NEC helps unleash the potential of the Smart Enterprise, and why the Smart Enterprise relies on NEC.

Orchestrating a Brighter World

NEC combines its advanced technologies, services, and knowledge to help ensure the safety, efficiency, and equality of society—enabling people to live brighter, more enriched lives.

