

The new CIO primer

6 urgent reasons
to ready your network
for real-time healthcare

NOKIA





Ready, steady, go

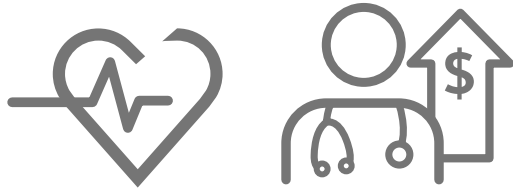
Is your network ready for what's next?

The healthcare industry is at a tipping point, with leadership teams almost universally embracing the digital transformation journey to achieve the goal of becoming a real-time healthcare system (RTHS).

This CIO primer explores the challenges and helps you rapidly deliver the right strategic technology approach.

Why the network matters

The new era of digitally powered, patient-driven care is coming.



Achieving real-time orchestration of healthcare resources means seamlessly connecting the complex IT ecosystems underpinning big healthcare enterprises.

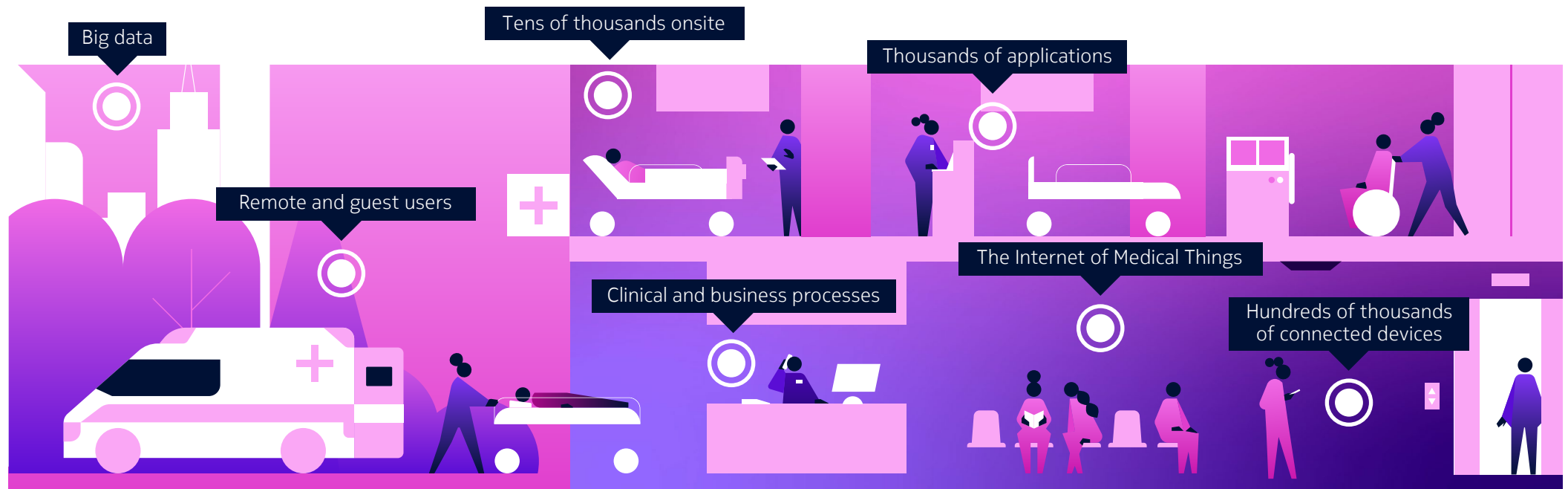
It's not as difficult to achieve as you might think.

Engaging in an Electronic Health Records (EHR) project is a good first step. But many CIOs have stopped there.

Why? Nokia believes the answer lies in having the right technology foundation and a network that is able to connect people, critical healthcare functions and real-time data in the right way.

“Healthcare providers are still well behind their counterparts in other industries in leveraging digitalization to even ease workplace toil and frustration.”

Gartner Predicts 2018



Solve these challenges, and you can rapidly move ahead.

Drivers for change

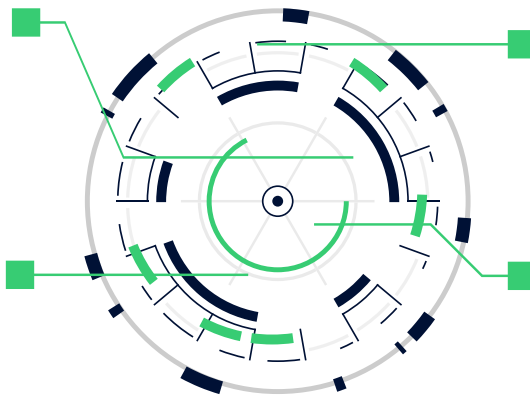
“But I don't want to think about bandwidth.”

We get it. Network architecture isn't instinctively a senior IT preoccupation.

But reinventing your network infrastructure with agile, cloud-based private WANs is the easiest way to free your busy agenda from network-orientated conversations.

Make your healthcare services competitive to attract customers and retain talent by effortlessly embracing innovations such as AI and robotics

Future-proof your IT platform for growth by deploying an adaptive and resilient network foundation



Cost-effectively scale bandwidth up or down to support revenue-boosting new healthcare services at an affordable cost

Give life-critical applications priority access to bandwidth and QoS with dynamic provisioning and smart traffic engineering

So why think about network readiness right now?
6 urgent reasons to move to an RTHS

Data overload. Larger volumes of medical data are being accumulated, handled and stored than ever, stretching existing IT infrastructure.



Poor visibility. EMRs, imaging data and lab results often sit in isolated silos, depriving healthcare professionals of the 360-degree view of patients and obstructing the treatment they desperately need.



Data reliability. Clinicians need absolute confidence that data is updated, accessible and correctly contextualized failures can jeopardize health outcomes and leave you legally liable.



Growing demand for digital connectivity. Patient portals, patient monitoring and telemedicine are set to become the new normal. Patients and clinicians are demanding it, and it can cut OPEX and raise talent retention.



The struggle to prioritize critical apps. With busy networks running diverse application portfolios, it's increasingly tough to ensure QoS to the right workloads.



Compliance for HIPAA and beyond. You need to protect the confidentiality of patient data and EMRs and deliver security and control at a granular level.

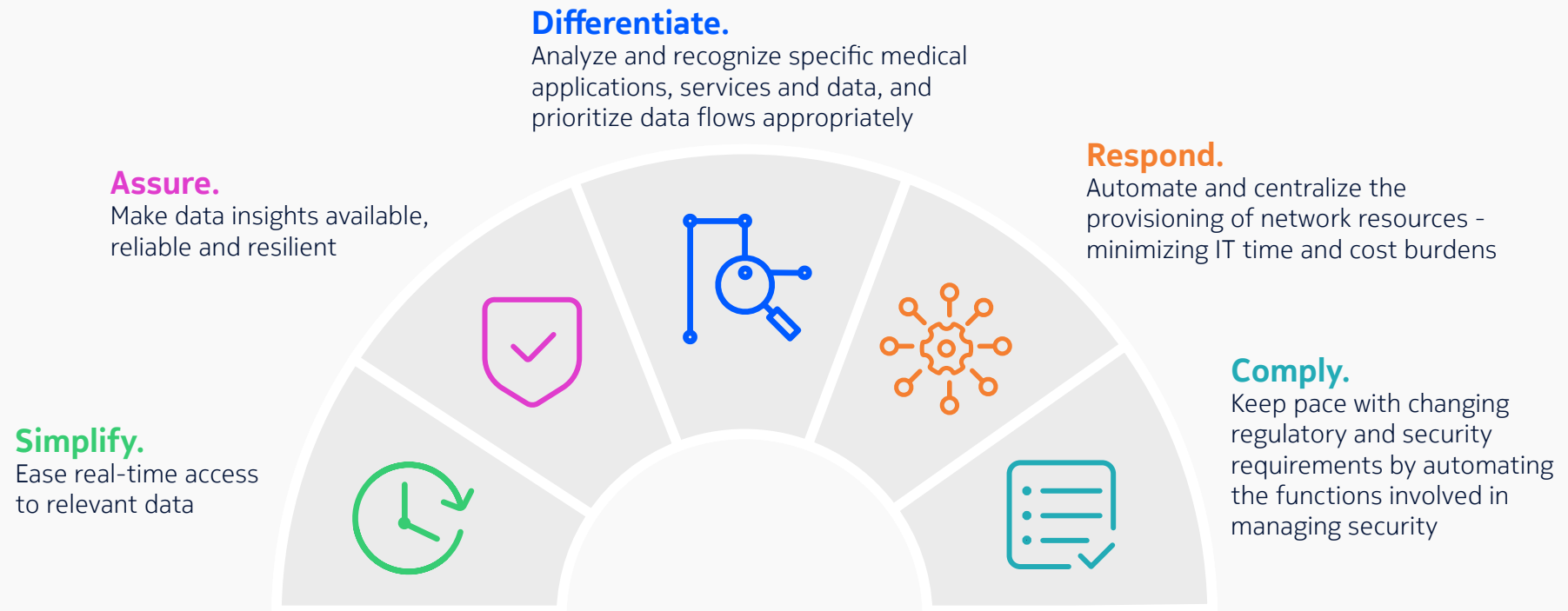


Drivers for change

Solving all challenges in 1 - the Nokia way

Evolving your network architecture to create a robust and intelligent software-defined communications and management infrastructure is the easy way to seamlessly interconnect all your sites, devices and data silos.

This will deliver astonishing advantages.





Drivers for change

Is your network more ready than you think?

Chances are that your digital transformation is already underway.

But if your operation is still blighted by data silos, visibility blackspots, high operating costs and disabling cyber attacks, you still have work to do.

So, how can you assess your infrastructure maturity and network readiness?

Popular global technology adoption models are a great place to start, such as the HIMSS INFRAM.

[Why not review it here?](#)

Why partner Nokia

Partnering with Nokia is the easy way to achieve rapid network readiness

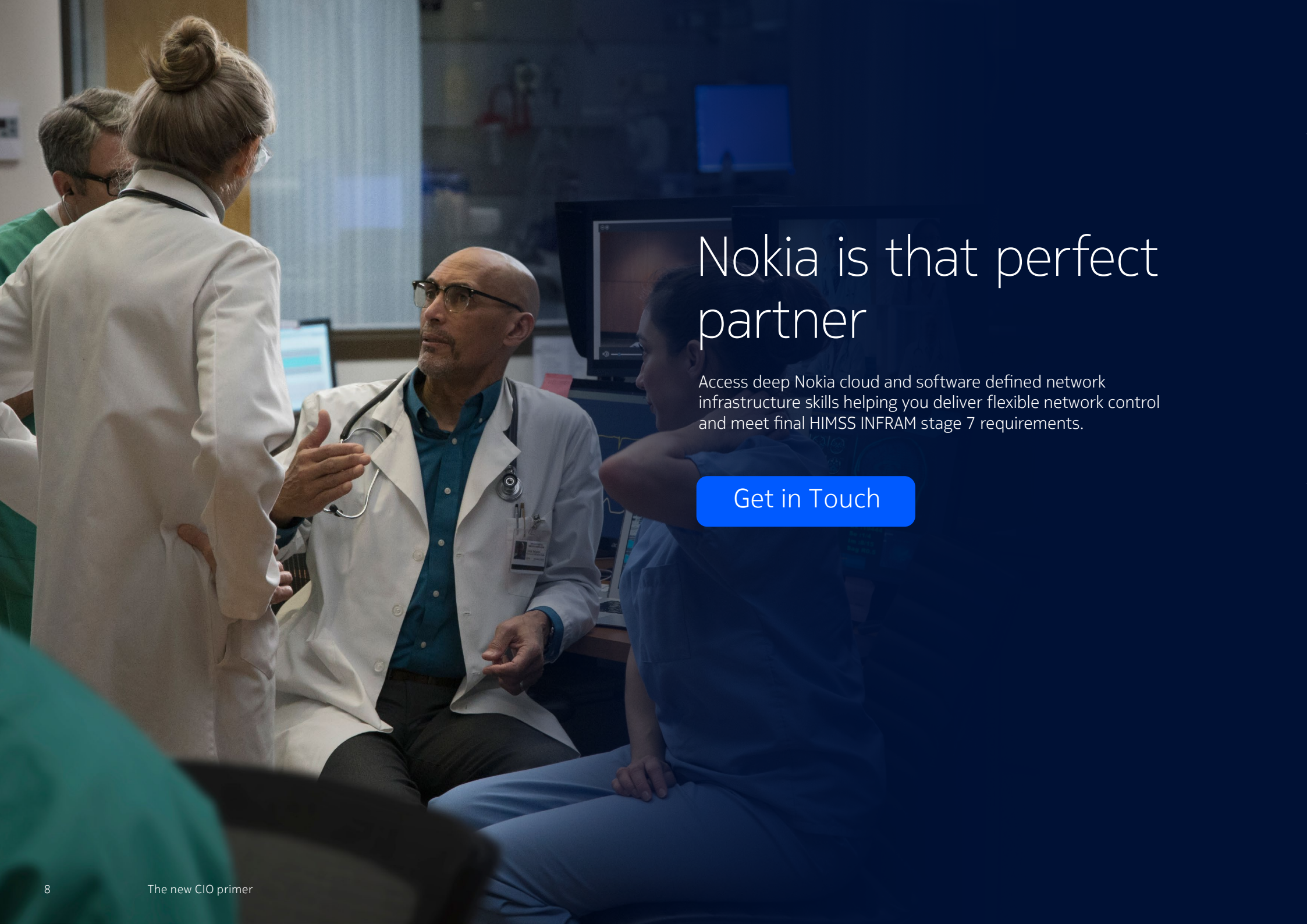
Ready for anything today.
Ready to cost-efficiently evolve for tomorrow.

The enterprise-grade networks good enough for other sectors are not good enough for life-critical healthcare services.

Nokia has designed and engineered some of the largest and most robust IP networks in the world.

We can help you transition to the agile, carrier-grade infrastructure you need.

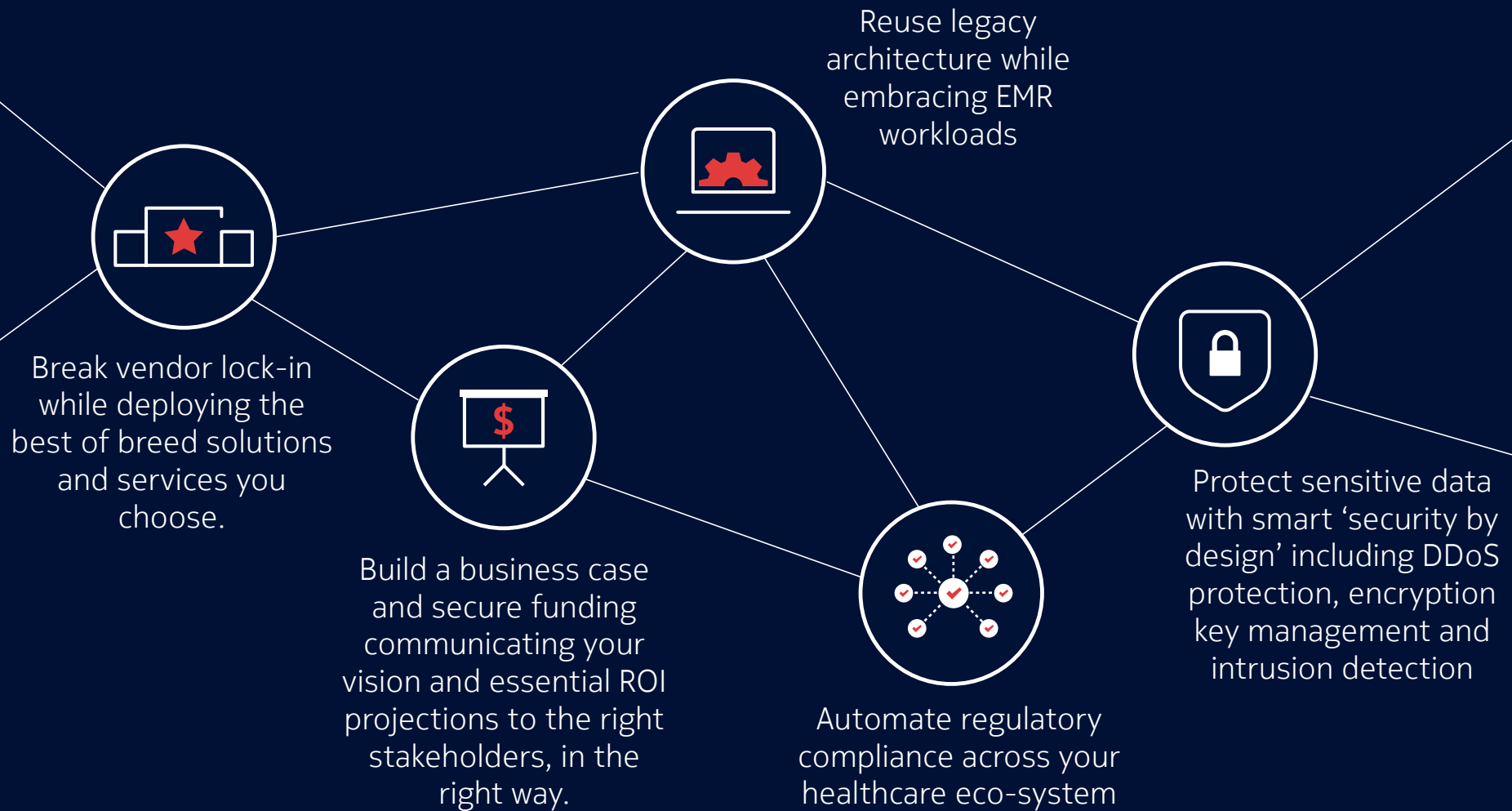
“Gartner recommends in its 2018 CIO Agenda that CIOs developing technology-enabled strategies for the next generation of healthcare should “develop strategic partners that can provide critically needed skills in business intelligence, analytics, application development, security and cloud transition by increasing strategic sourcing.”



Nokia is that perfect partner

Access deep Nokia cloud and software defined network infrastructure skills helping you deliver flexible network control and meet final HIMSS INFRAM stage 7 requirements.

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About Nokia

At Nokia, we create technology that helps the world act together.

As a B2B technology innovation leader, we are pioneering networks that sense, think and act by leveraging our work across mobile, fixed and cloud networks. In addition, we create value with intellectual property and long-term research, led by the award-winning Nokia Bell Labs.

Service providers, enterprises and partners worldwide trust Nokia to deliver secure, reliable and sustainable networks today – and work with us to create the digital services and applications of the future.

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