

The Connected Campus: Transforming Higher Education



To empower and engage today's students, colleges and universities must transform legacy IT infrastructures into agile, secure services platforms that are accessible by students, faculty, and staff—anywhere, anytime.

A modern "connected campus" will inspire students, faculty, and staff, helping institutions differentiate and remain relevant, while gaining competitive advantage.

FROM RUNNING TO TRANSFORMING

CIOs in higher-education institutions face complex challenges. They face increasing pressure to improve the student, faculty, and staff experience by modernizing outdated infrastructures – without breaking the technology budget.

While most institutions aspire to digital transformation, many remain restricted to a keep-the-lights-on approach, which inhibits innovation and, ultimately, growth.



PERCENT OF IT SPENDING AT HIGHER-EDUCATION INSTITUTIONS

80%

Run existing operations

10%

Accommodate incremental growth and improvements

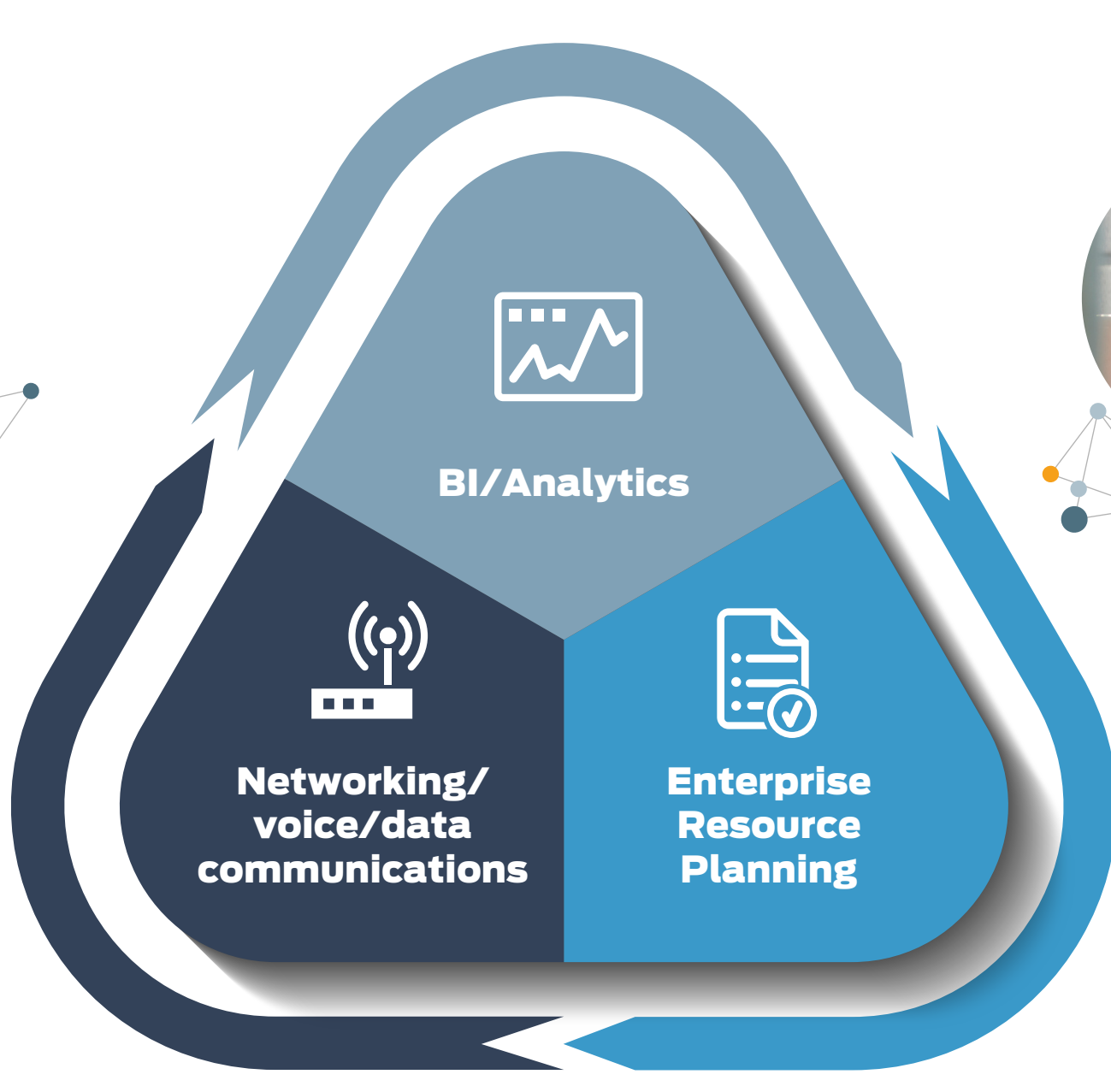
5%

Transform

Source: EDUCAUSE – 2016 Core Data Service (CDS) Benchmarking Report

IT leaders in higher ed understand that true transformation requires investments in a mix of core and emerging technologies.

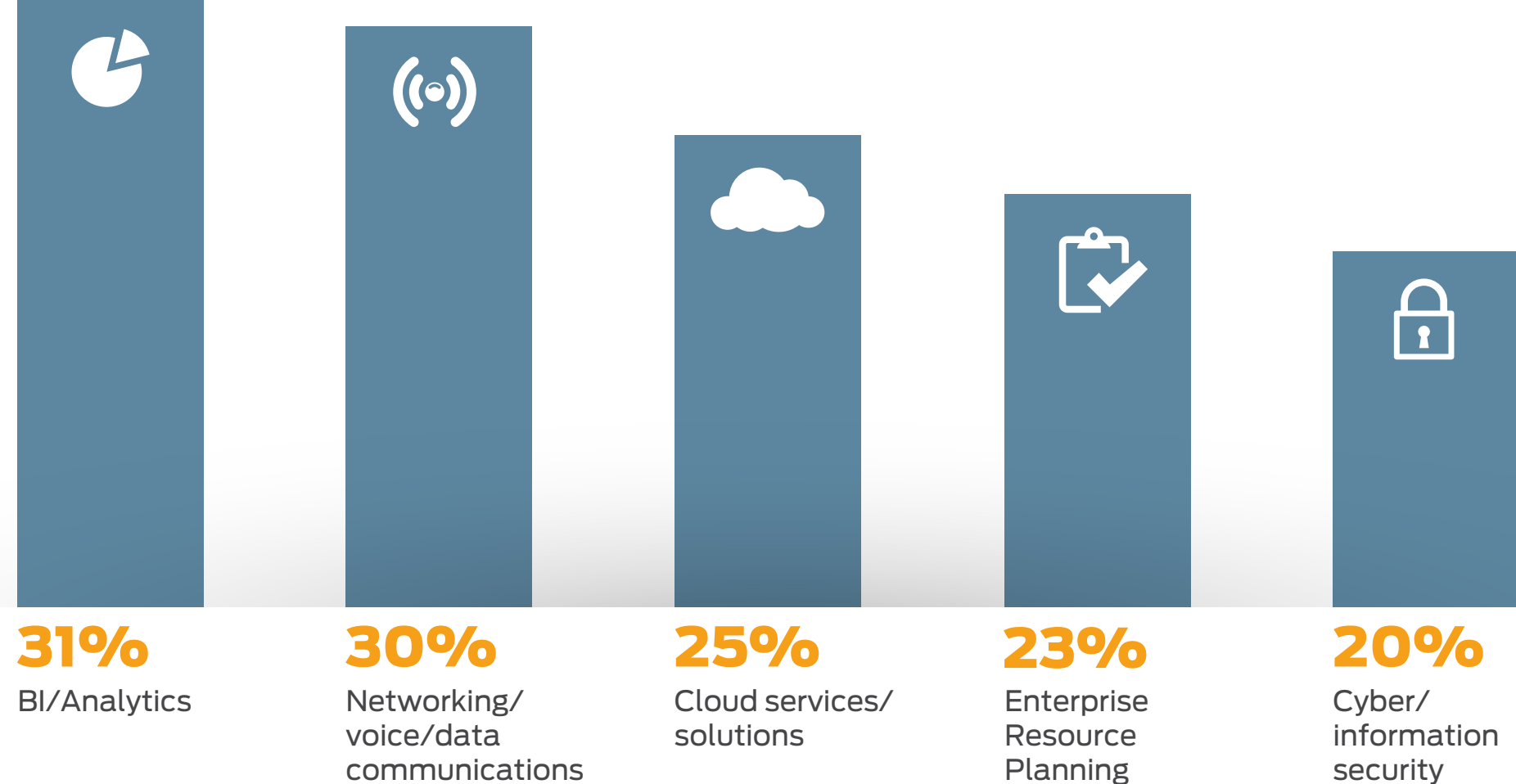
MOST IMPORTANT TECHNOLOGY TO HELP HIGHER-ED INSTITUTIONS DIFFERENTIATE



Source: Gartner – 2017 CIO Agenda: A Higher Education Perspective

And they are looking to increase investment in these and other core areas.

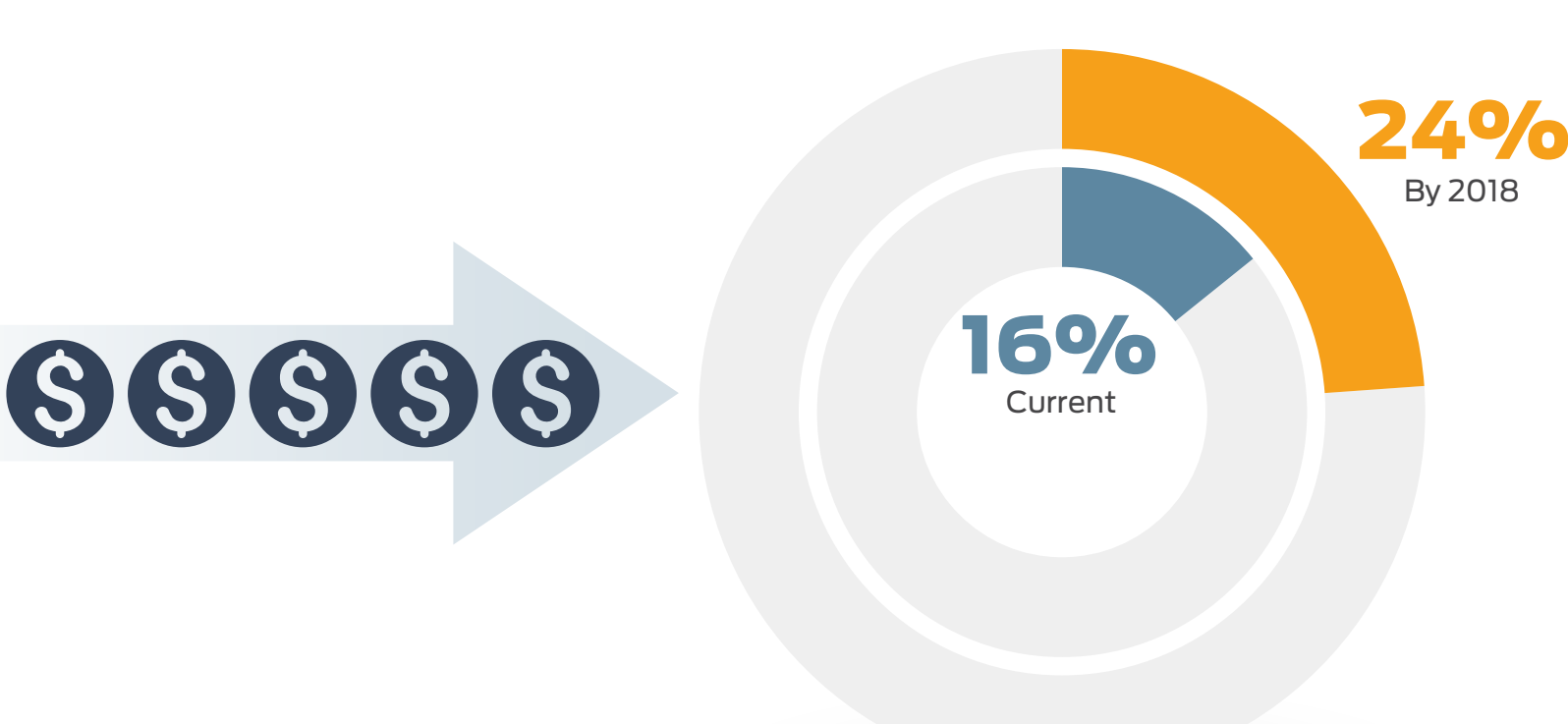
PRIORITY OF SPENDING NEW/DISCRETIONARY FUNDING ON TECHNOLOGY



Source: Gartner – 2017 CIO Agenda: A Higher Education Perspective

Overall, they are allocating more technology budget to transformation initiatives.

PERCENT OF IT BUDGET SPENT ON DIGITALIZATION AT HIGHER-ED INSTITUTIONS



Source: Gartner – 2017 CIO Agenda: A Higher Education Perspective

THREE BENEFITS OF THE CONNECTED CAMPUS

Digital transformation is critical to creating a secure, high-performance, and innovative, digital learning and research network. A modernized, Connected Campus will deliver three core benefits to higher-education institutions:

1. Enable digital learning

- Support mission-critical digital learning, online courses, and online assessments
- Increase student engagement from any place by any device
- Deliver a more personalized, accessible, and engaging learning experience to help improve student achievement and graduation rates

2. Increase Enrollment and Funding

- Attract, engage, and retain students to grow enrollment populations and associated budgets
- Create competitive differentiation based on ease of use and "always on" access, which have become top decision-making criteria in the college selection process
- Enable new partnerships and collaboration opportunities with third-party and private sector concerns, opening the door to innovative funding models

3. Reduce Risk

- Improve compliance with increasingly strict student privacy laws and regulations
- Reduce the growing cyberthreat across a complex, dynamic mix of mobile and other endpoint devices
- Protect private information without compromising access, ease of use, or performance

CONCLUSION

Digital transformation is helping higher-ed CIOs deliver significant value to their institutions. The Connected Campus helps bridge the gap between existing environments and the CIO's vision of a more agile and flexible IT infrastructure that makes secure services accessible to students, faculty, and staff—anywhere, anytime, and from any device.



Higher-ed institutions are spending **only 5%** of their IT budgets on transformational initiatives.

BUILD MORE THAN A NETWORK.

For more information about the Connected Campus, visit [Juniper's higher education resources page.](#)

Data sources: Gartner – 2017 CIO Agenda: A Higher Education Perspective; EDUCAUSE – 2016 Core Data Service (CDS) Benchmarking Report

JUNIPER
NETWORKS