<) FORESCOUT®
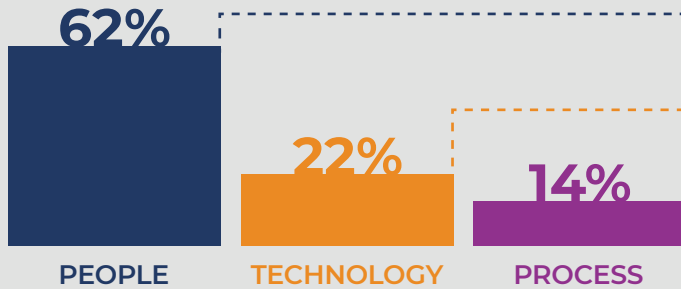
3 Pillars for a Successful IT-OT Convergence Strategy

Data from the 2019 SANS State of OT/ICS Cybersecurity Survey about how organizations are using **people**, **technology** and **process** to support their IT-OT convergence strategy.

The perceived greatest security risk

62% PEOPLE

22% TECHNOLOGY

14% PROCESS

2019 budget by pillar

Although people are the highest perceived risk, most budgets are **< $100,000**

Organizations invest heavily in technology, with over 40% allocating **> $1,000,000**

Almost half of all organizations have budgeted **< $500,000**

1. PEOPLE

- In 2019, **29% of companies will invest in cybersecurity education and training** for IT, OT and hybrid IT-OT personnel.
- Differing roles and responsibilities can impede convergence, but aligning business concerns with the current threat environment gives the hybrid workforce a common goal.
- Creating a roadmap for how OT and IT will work together enables them to work together, learn from each other and continually improve cybersecurity posture.

2. TECHNOLOGY

- **37% of organizations hope to implement OT/ICS network security monitoring** in the next 18 months, making it the most popular security technology tool of 2019.
- Technology can help overcome barriers to proper OT security hygiene, such as a lack of asset visibility and the IT-OT convergence.
- IT-OT teams are beginning to use technologies that establish complete OT asset inventories and network baselines to defend the network in real time.

3. PROCESS

- Of the companies surveyed, **84% have adopted or are planning to adopt an IT-OT convergence strategy** in 2019.
- Assessing current processes and identifying weak links before creating a "to-be" environment, including procuring technology, should be a priority for organizations.
- Organizations are bringing IT and OT together to build data collection processes that reach down into the ICS infrastructure to secure and monitor these high-risk assets.

For insight into how to reduce risks and take control of your ICS network, download the white paper.

DOWNLOAD

<) FORESCOUT®