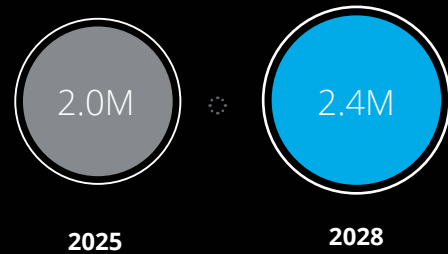


The jobs are here, but where are the people?

Addressing the manufacturing skills gap and influencing a positive future of work

Our studies indicate that the skills shortage is expanding . . .

The skills gap may leave an estimated **2.4 million** positions unfilled and put **\$2.5 trillion** in manufacturing GDP at risk over the next decade.



What's causing the shortage?

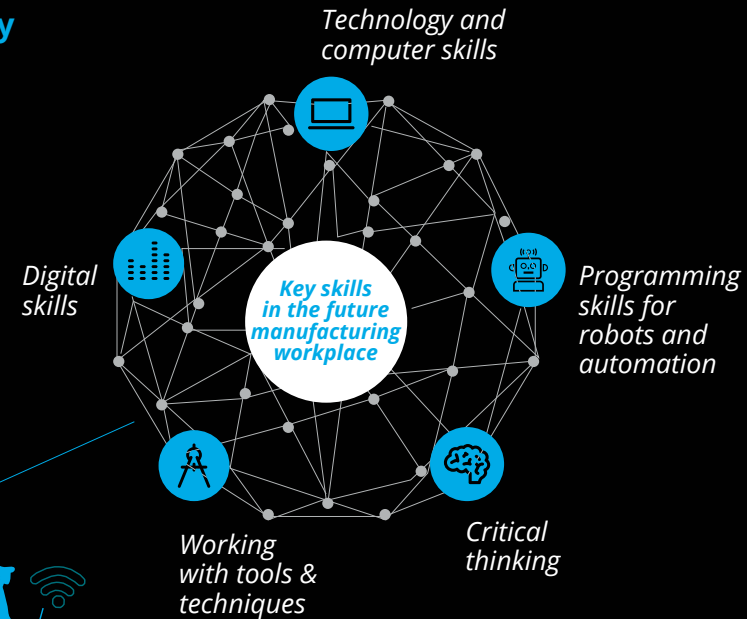
Shifting skillsets due to the introduction of **advanced technologies and automation**

Misperceptions of manufacturing jobs

Retirement of baby boomers

What skills are necessary for future success?

Digital skills must marry human skills. **50% of manufacturers** said they have already adopted automation, and the top skills that must accompany technology are critical thinking, programming, and digital.



How can manufacturers positively influence the future of work?

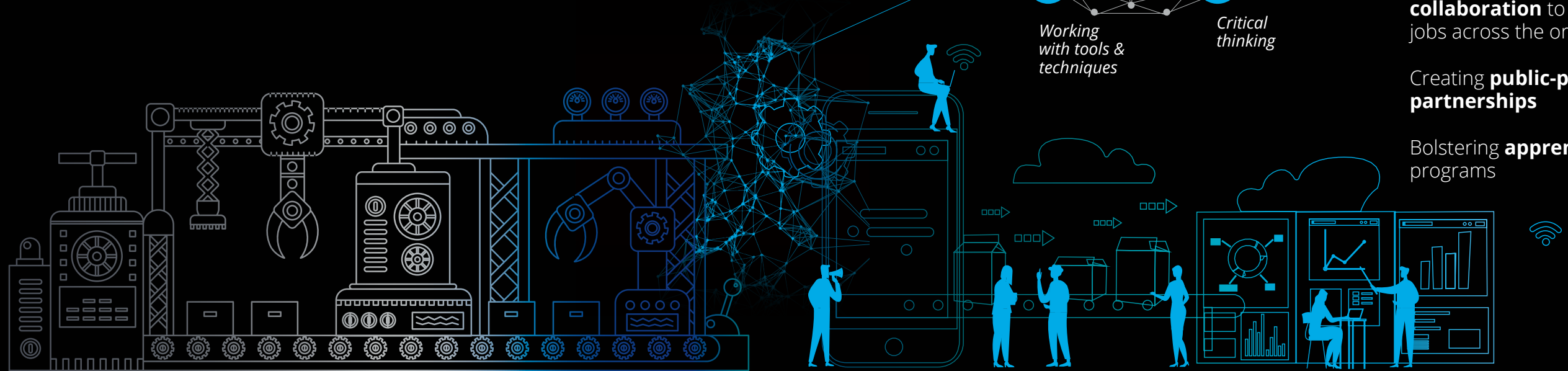
Tapping into the resources from the retiring generation of **baby boomers**

Developing **in-house training** that engages a multigeneration workforce

Building human-machine collaboration to supplement jobs across the organization

Creating **public-private partnerships**

Bolstering **apprenticeship** programs



Skilled positions take months to fill . . .

It takes more than **2 months** to fill positions for skilled production workers, and more than **4 months** for engineers, researchers, and scientists.

