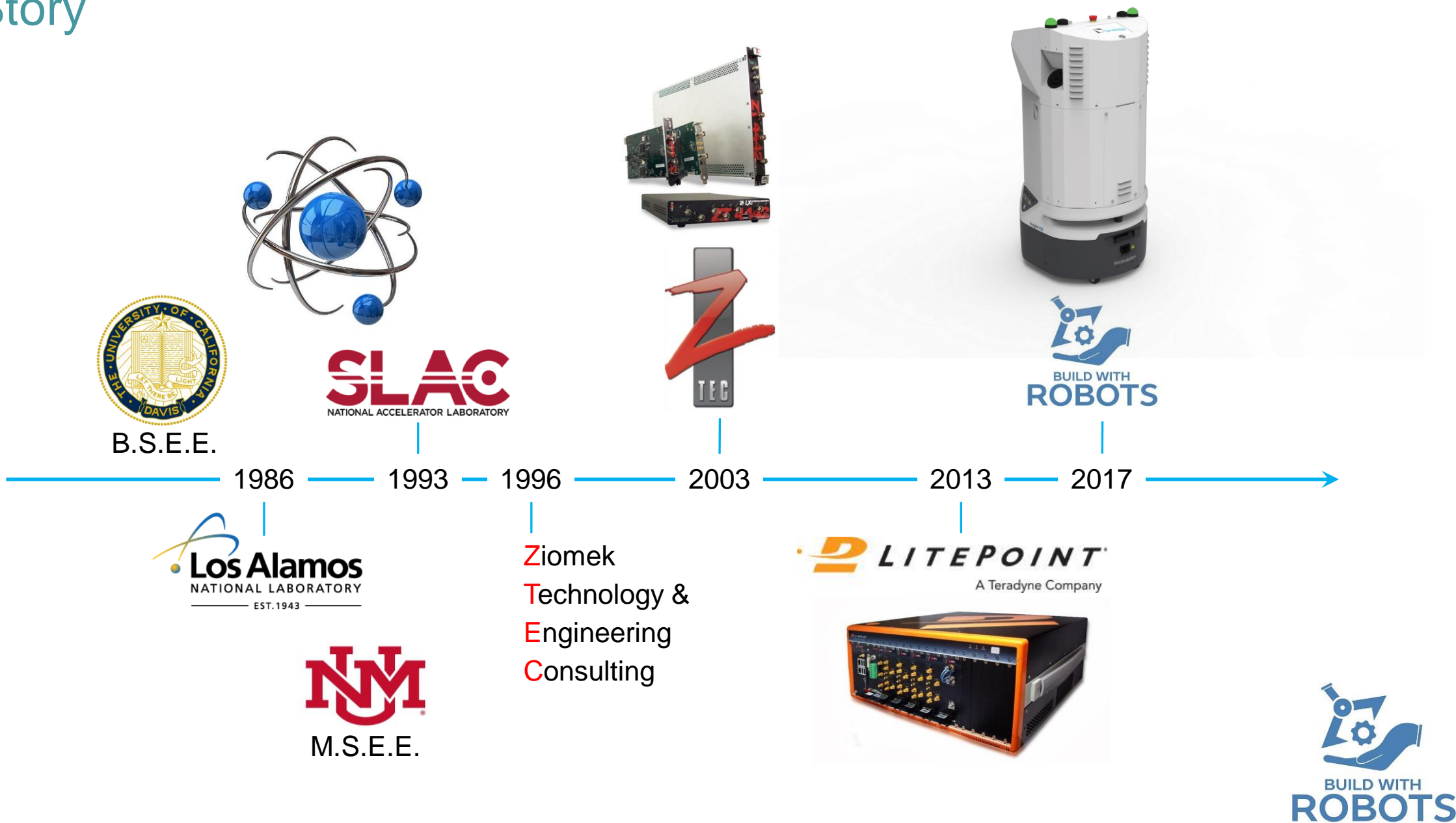


Robots
are
coming!

What
does it
mean?

My Story



Advances in Automation Enabling Disruption



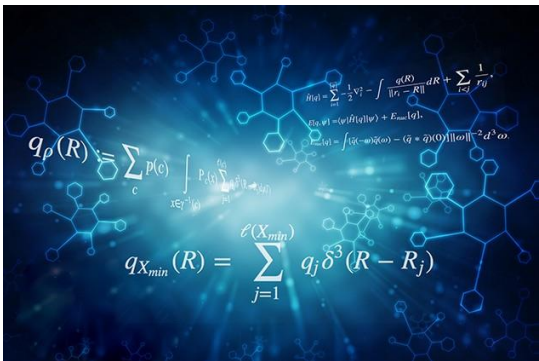
Robotics



Sensors



Navigation



Data Science

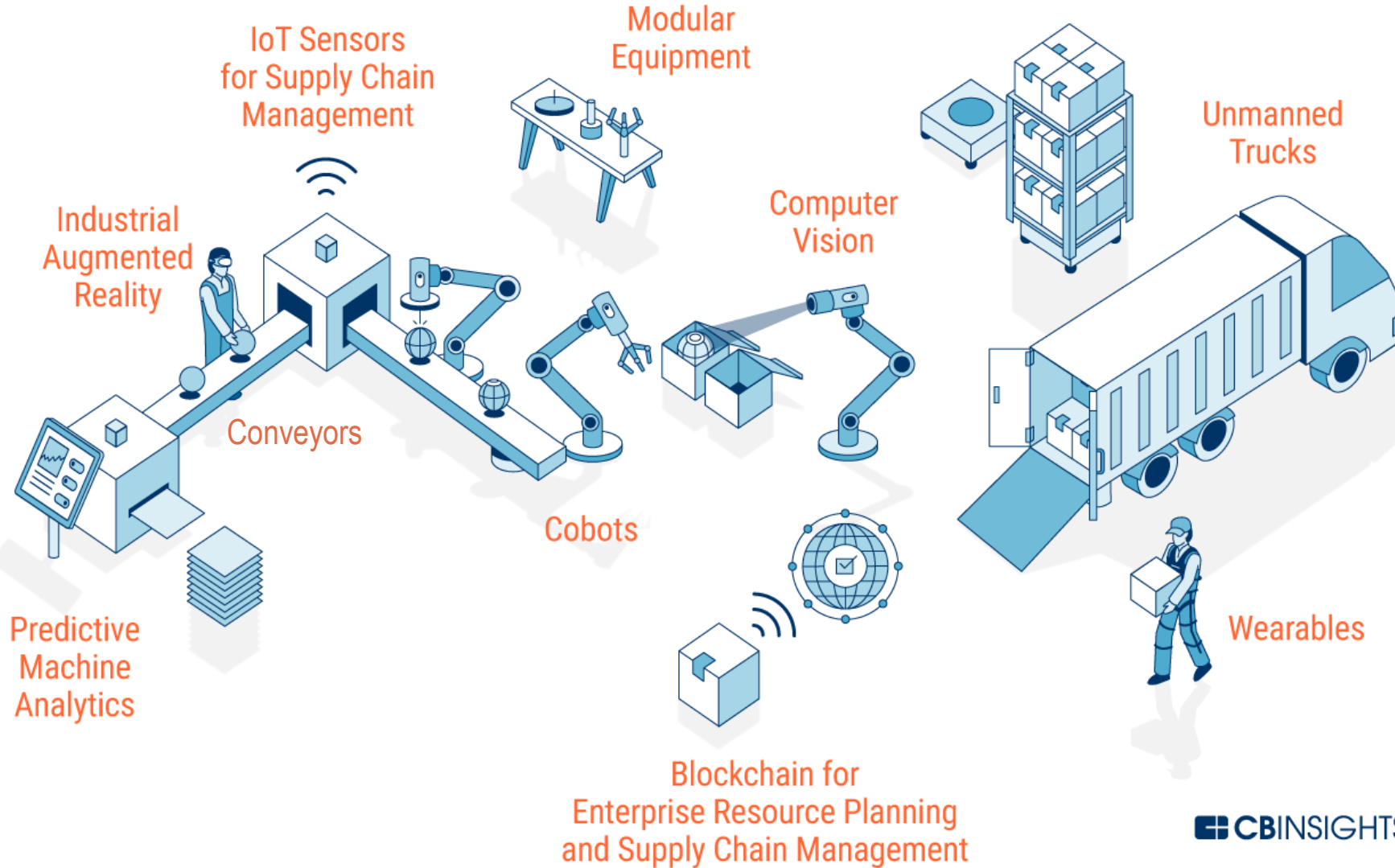


Artificial Intelligence



Measurement & Inspection

Factory of the Future



 CBINSIGHTS

Some New Applications for Robotics



Food Prep



Construction



Medicine

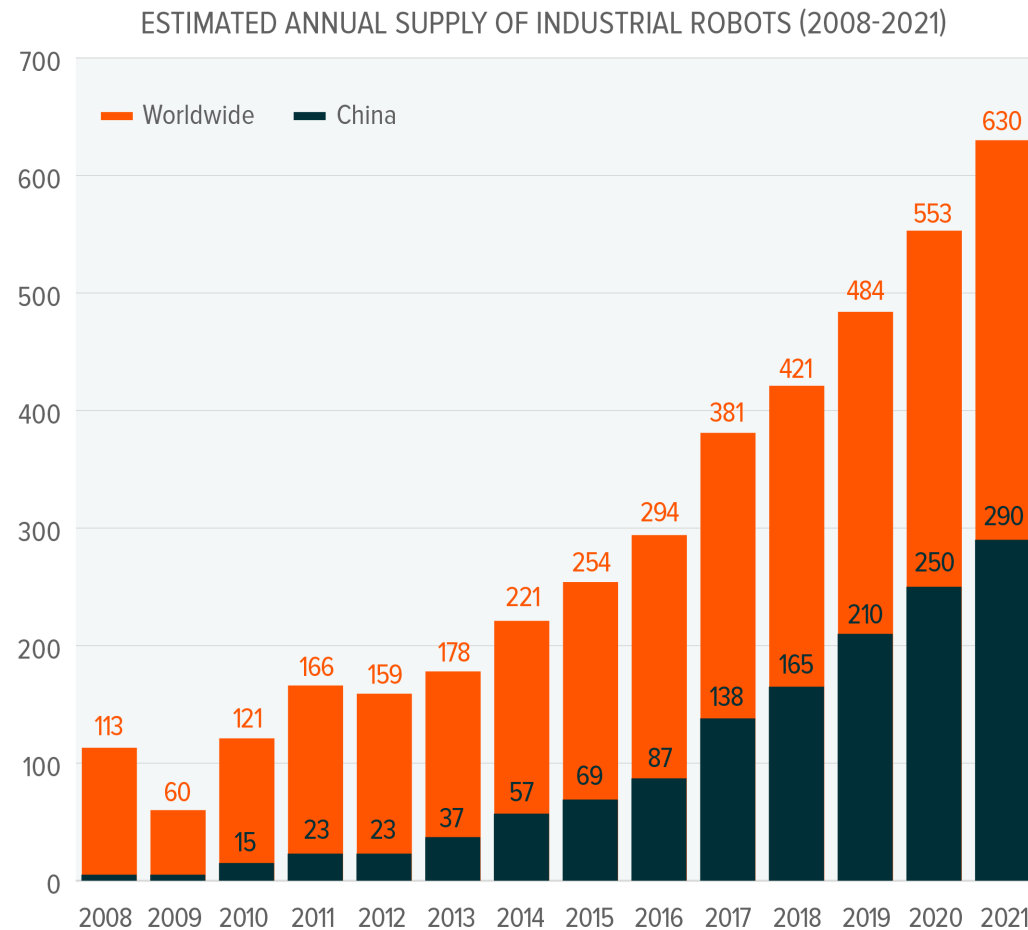


Film & Photography

Exponential Growth of Industrial Robots

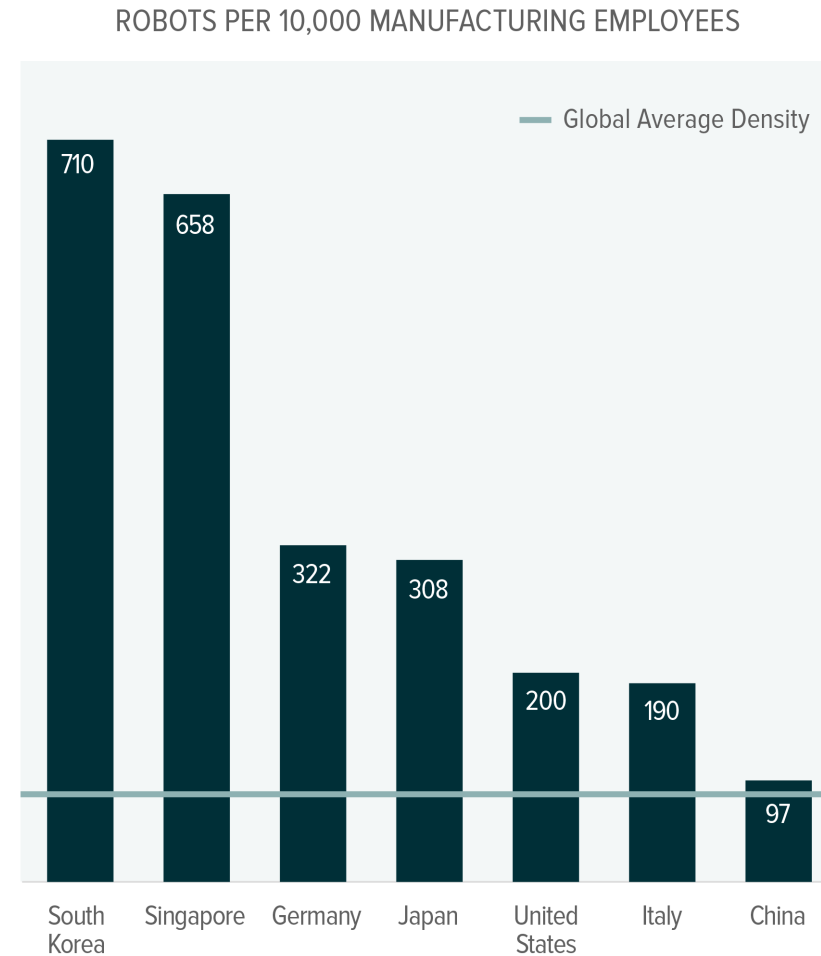
GROWTH OF INDUSTRIAL ROBOTICS WORLDWIDE & CHINA (THOUSANDS)

Source: IFR World Robotics, 2018. *Forecasted



ROBOT DENSITY IN 2018

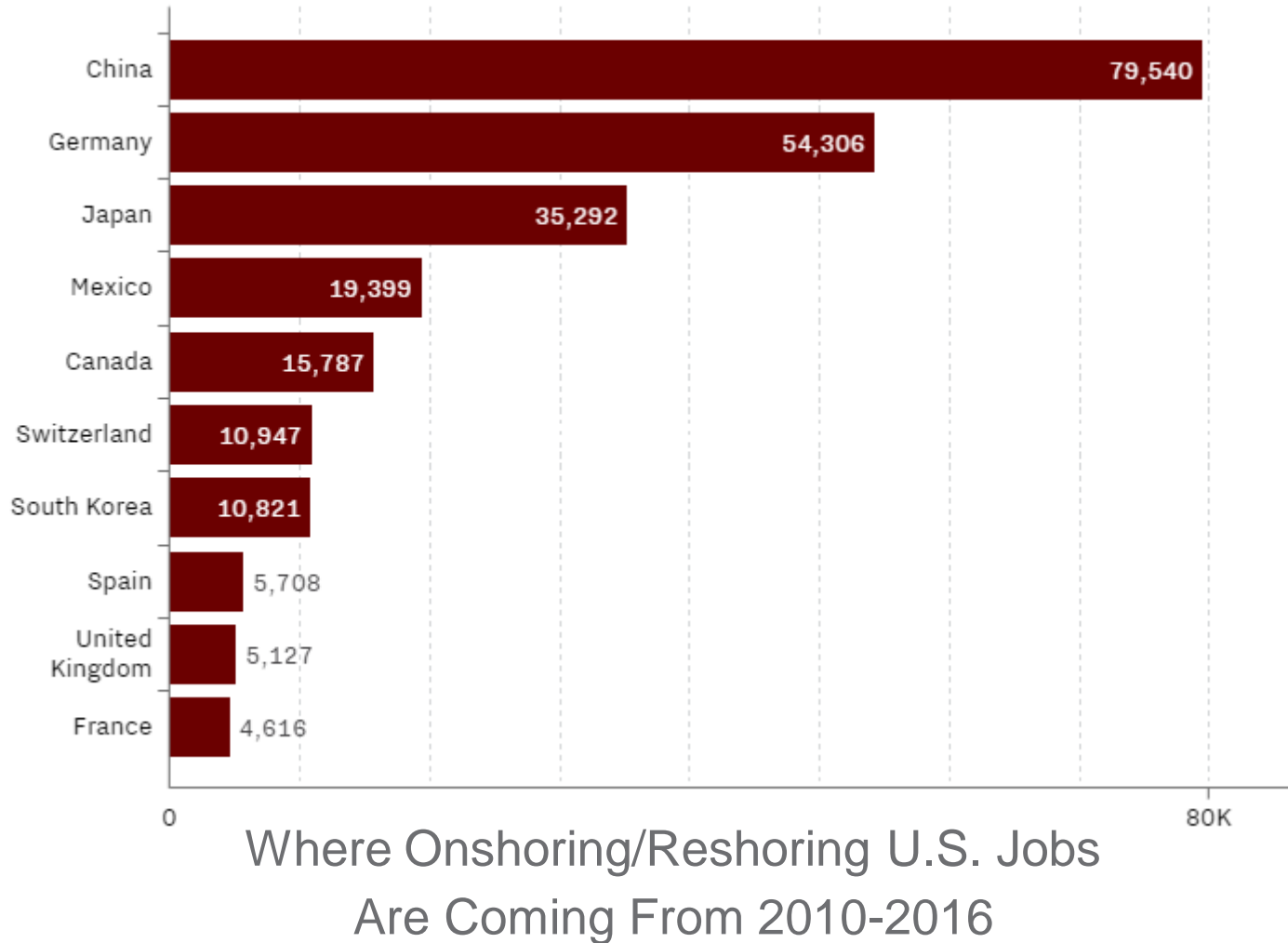
Source: World Robotics, IFR, October 2018, ifr.org



Source: International Federation of Robotics



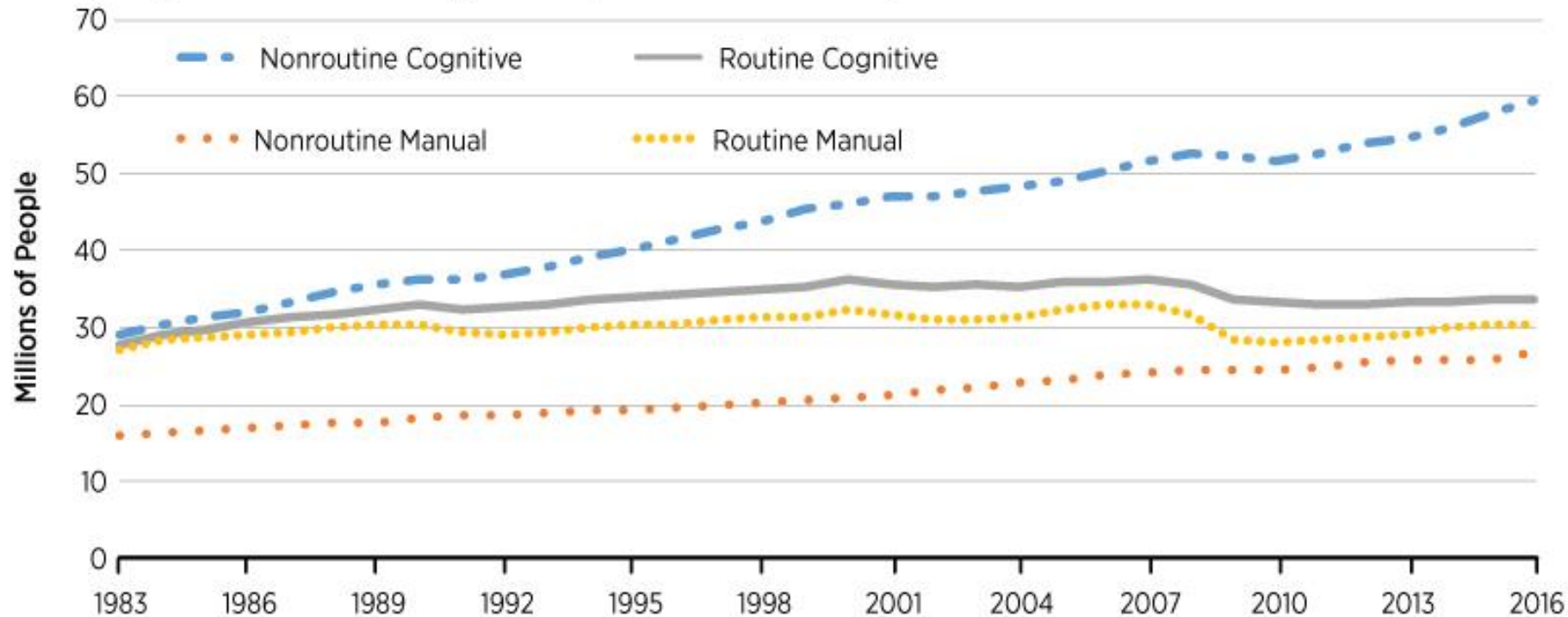
Onshoring on the Rise



- In 2016, there was a net gain of more than 25,000 jobs in the U.S.
- That reflects a loss of ~50,000 jobs that left, combined with a gain of ~77,000 jobs that returned.

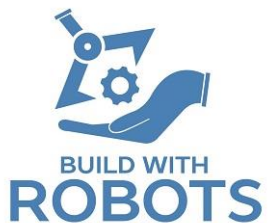
Is a Robot Going to Take My Job?

Employment Level by Occupational Group

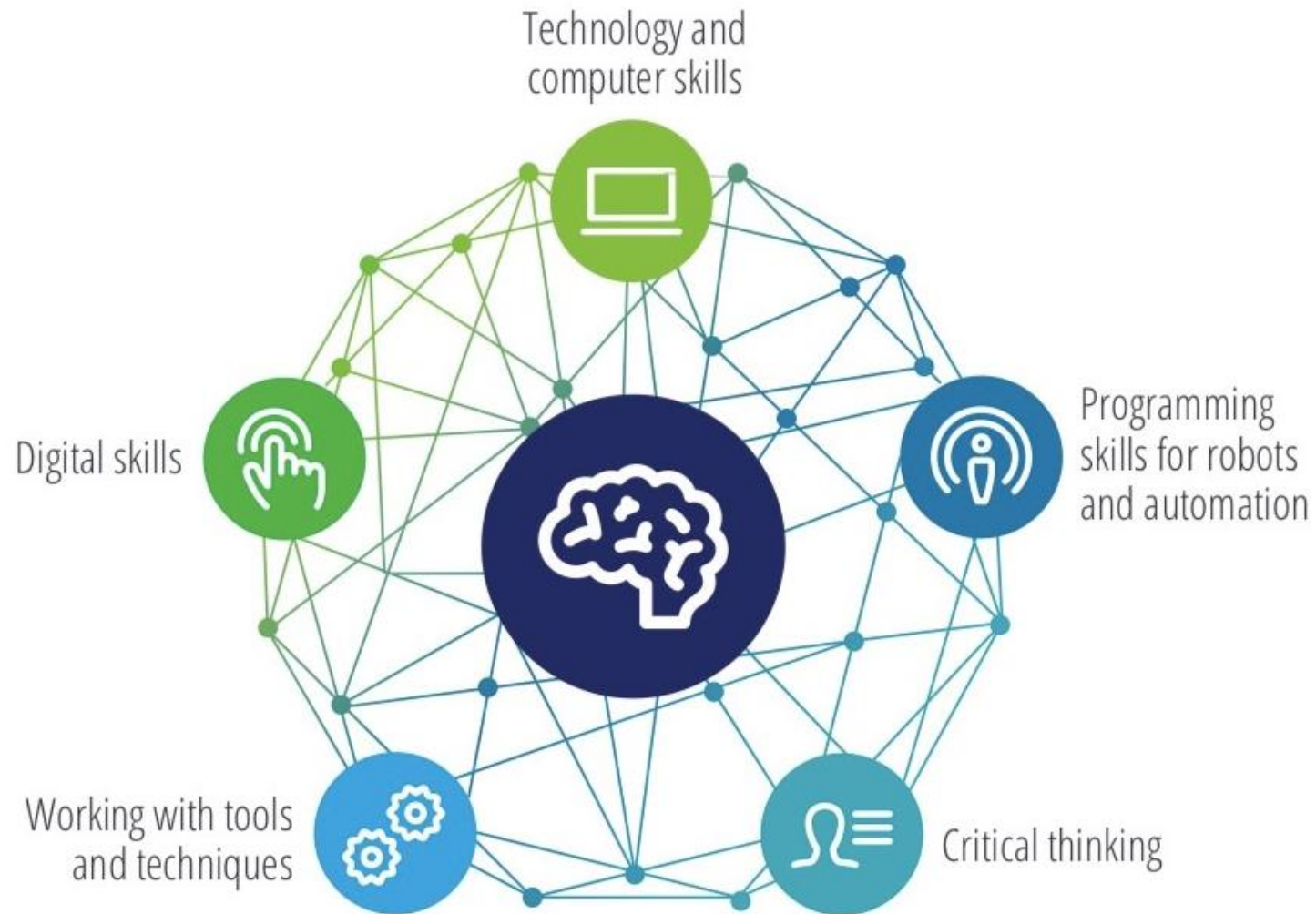


The Shift from Routine Jobs to Nonroutine Jobs

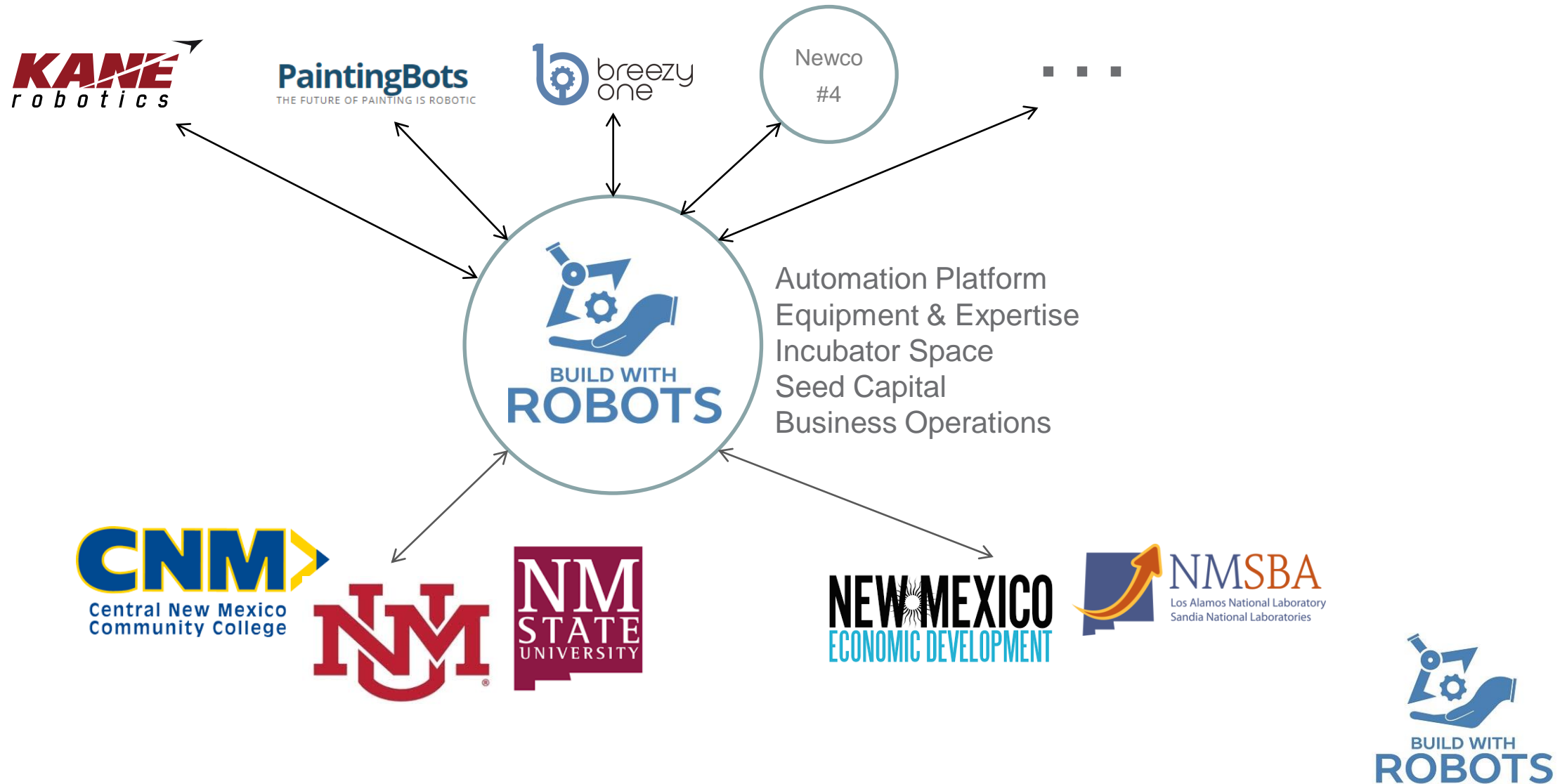
- **Nonroutine cognitive** includes management, professional and related occupations
- **Nonroutine manual** includes service occupations such as health care, food preparation and serving, and cleaning
- **Routine cognitive** includes sales and office occupations
- **Routine manual** includes construction, transportation, production and repair occupations



And There Will Be a Manufacturing Skills Gap



Building world-leading companies that automate within new industries



BWR Company #1



- Finishing robot solution (sanding, grinding polishing, etc.)
- Offloads laborious tasks of finishing large aerostructures
- Joint Venture with Kane Aerospace of Chino, CA

BWR Company #2

PaintingBots
THE FUTURE OF PAINTING IS ROBOTIC



- On-site painting for commercial new construction
- In partnership with leading paint brand
- Development on hold due to COVID

BWR Company #3



- Autonomous disinfection robot
- Nightly disinfection of large facilities: airports, schools, distribution centers, offices, etc.

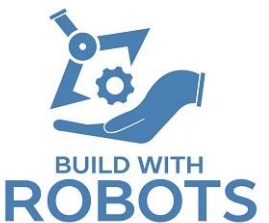
Build With Robots



Why: *We believe in the dignity and value of work*

How: *We reduce drudgery and risk in work*

What: *We build worker integrated robotics and automation*



Thank you!



Career & Internship Opportunities

hr@buildwithrobots.com

