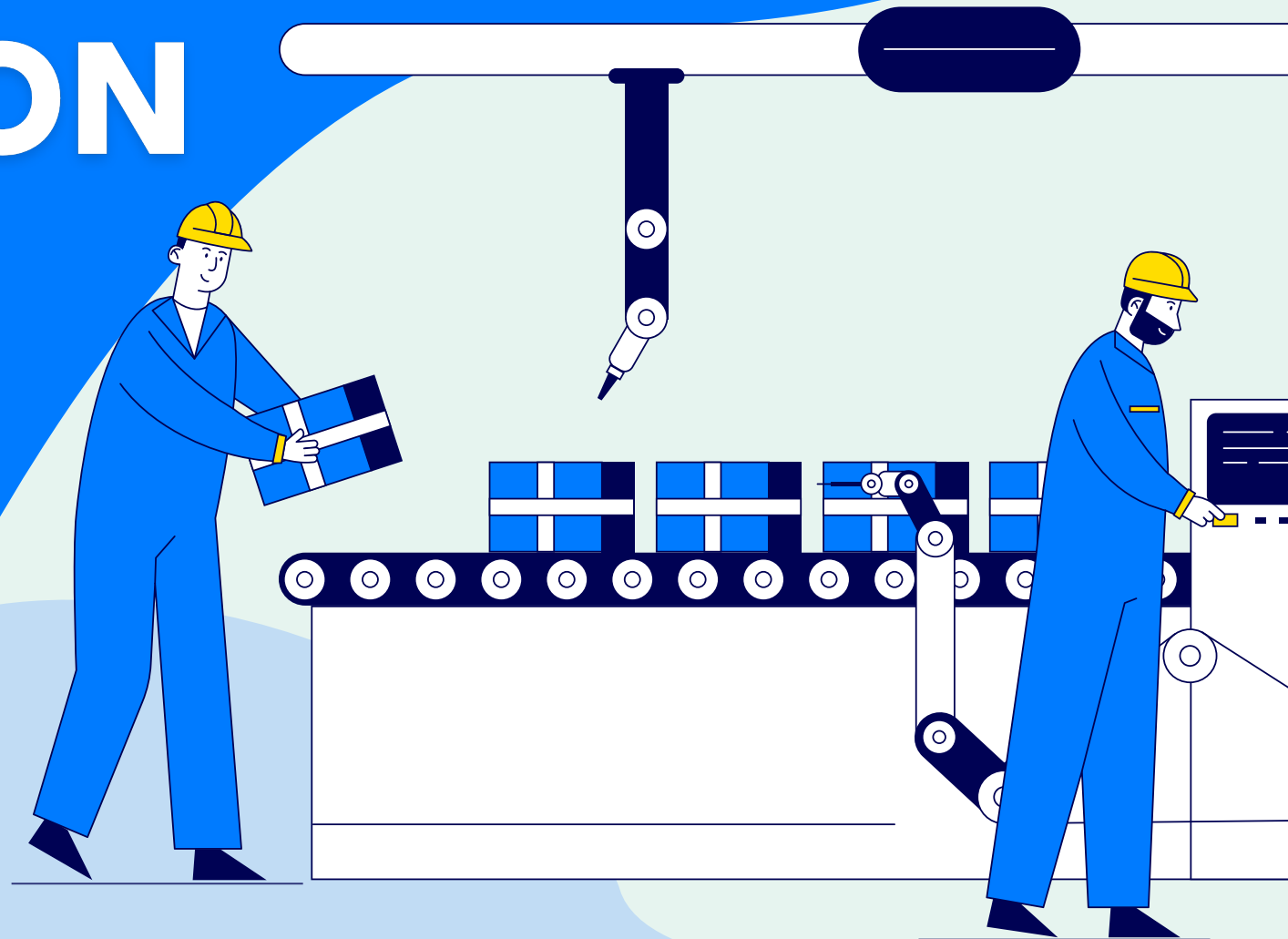


AUTOMATION ROADMAP

A quick guide to kickstart your
automation plan

Your partner in manufacturing intelligence.



Automation across the production floor delivers benefits that will create competitive advantage and a rapid go-to-market solution

1 Increased capacity

Companies can increase effective production times, decrease machine downtime, improve utilization rates, and increase throughput as automation is added to the shop floor. This open capacity will also apply downstream to tool assembly and upstream to design and engineering.

2 Predictive maintenance

Monitoring and preventative maintenance are greatly aided by industrial automation. Sensors on the production floor and along the production line allow for constant monitoring

3 Improved quality

The quality of each part produced is higher because automated systems and processes offer greater accuracy and consistency than manual or operator-assisted solutions.

4 Reduced Cost

Shops are able to lower the overall cost of producing parts by maximizing machine use time, enhancing shop floor procedures, and utilizing predictive machine maintenance.

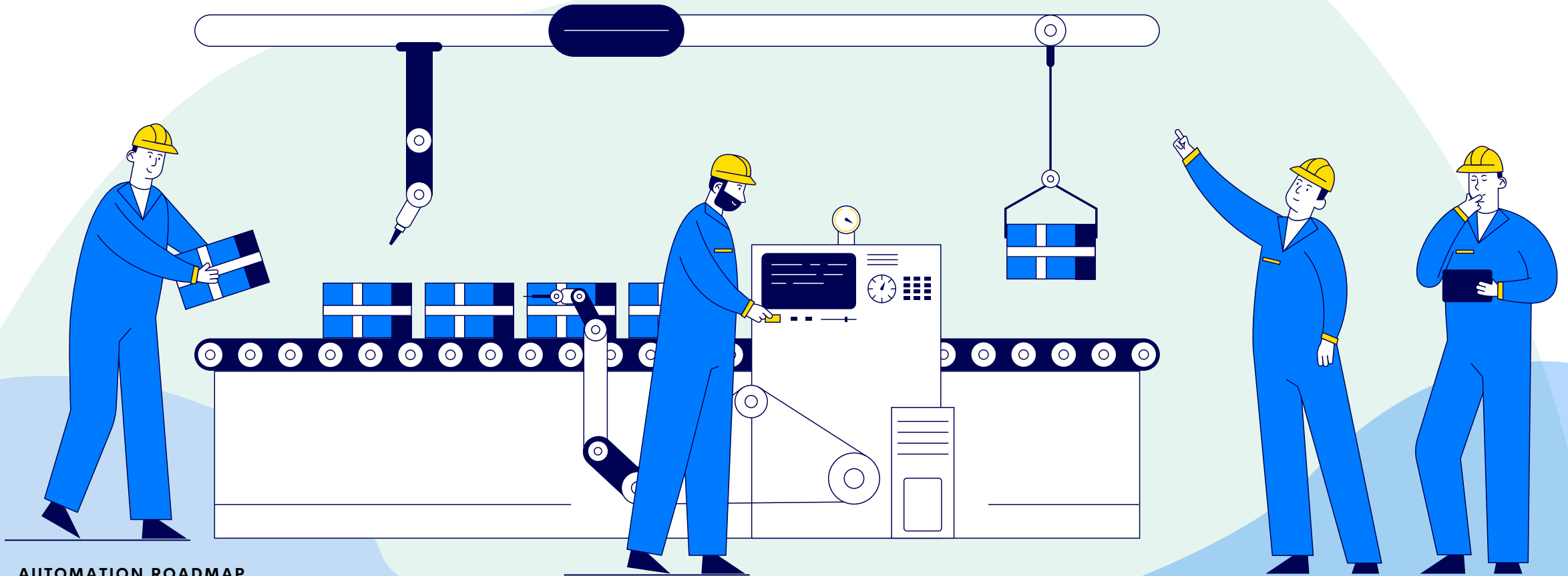
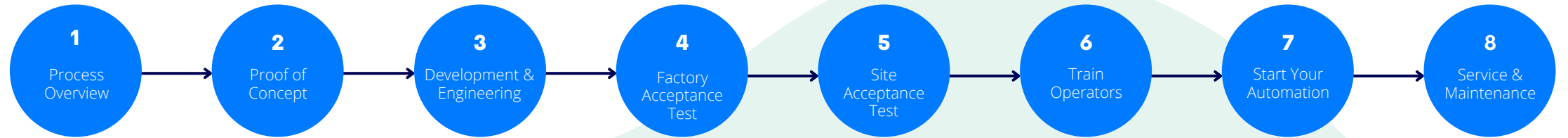
5 Increase in human efficiency

The systems that a company implements to automate their services will not only perform the tasks that a human being would do, but these automated systems are capable of performing functions that exceed human capabilities

6 Reduced lead time

With equipment and machinery running closer to 24/7 on the right pieces and parts with fewer errors, the required slack time in the design and build process will shrink resulting in a lead time advantage.

Journey to Automation



Automation across the production floor delivers benefits that will create competitive advantage and a rapid go-to-market solution



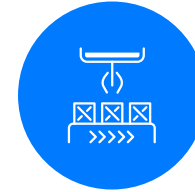
Assembly

Technology to meet the high demand of assembly



Machine Tending

Reduce takt time and offer greater flexibility



Material Handling

Eliminate the requirement of tedious labor



Inspection

Increase capability to complete any inspection



Material Removal

Achieve consistent quality through automated removal



Palletizing

Give your production line palletizing flexibility



Pick & Place

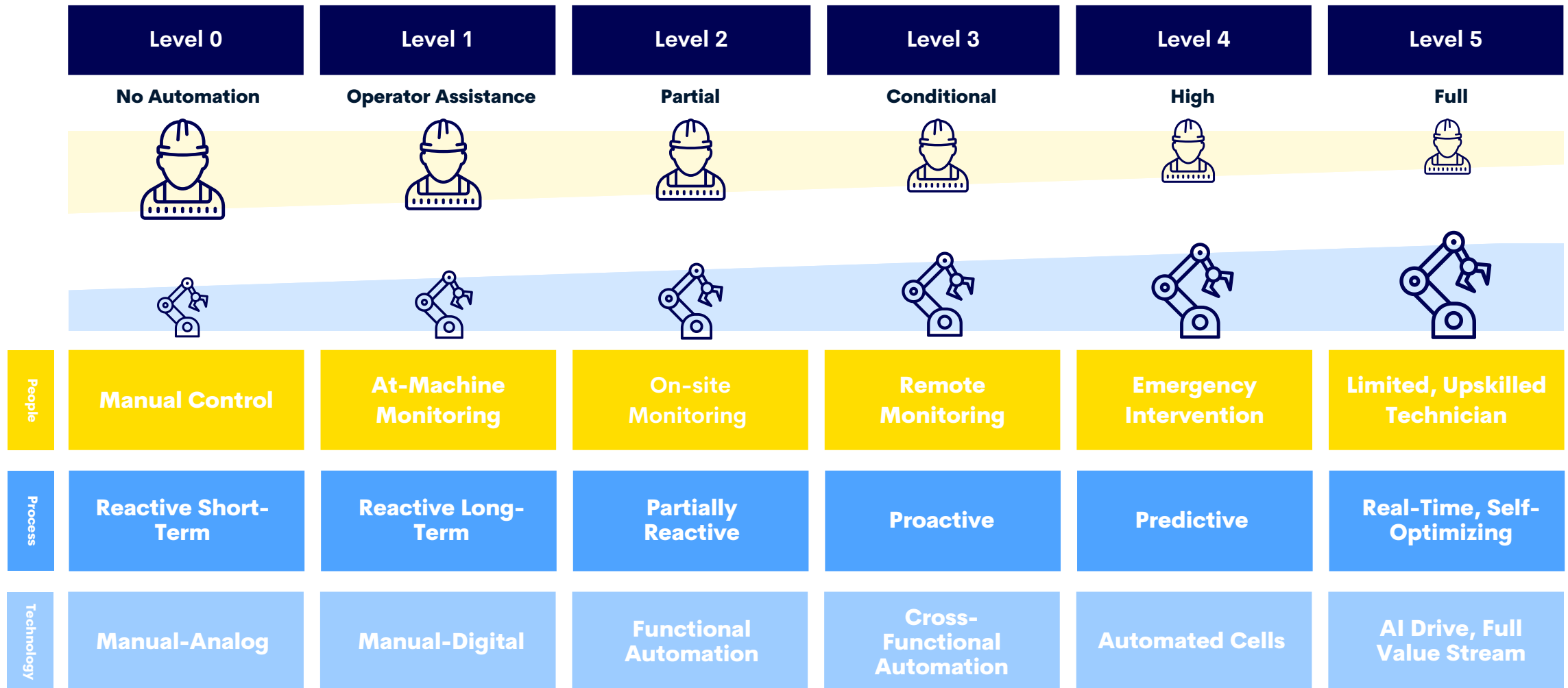
Perform with the precision and speed necessary



Sealing/Dispensing

Online path shifts which reduce time & effort

Levels of Manufacturing Automation





Your partner in manufacturing intelligence.

Carlsbad (Headquarters)
1920 Palomar Point Way, Carlsbad, CA 92008
(760) 659-5298

West Chester
8800 Global Way, West Chester, OH 45069
(513) 772-7000

Oakland
6617 San Leandro Street, Oakland, CA 94621
(415) 494-8225

 www.miqpartners.com

 info@miqpartners.com

