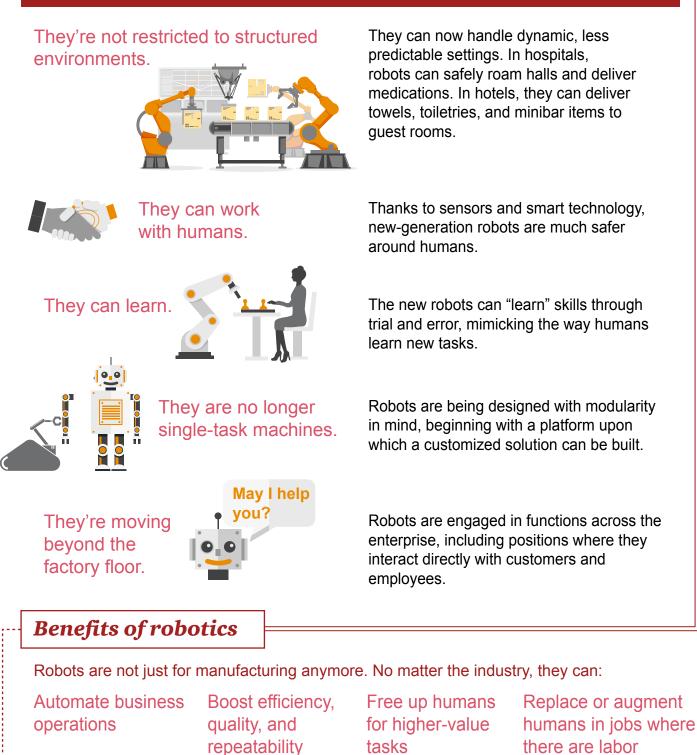
A look at

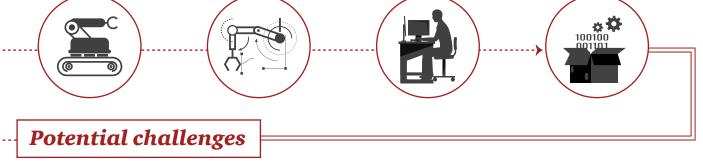
robots ready for work

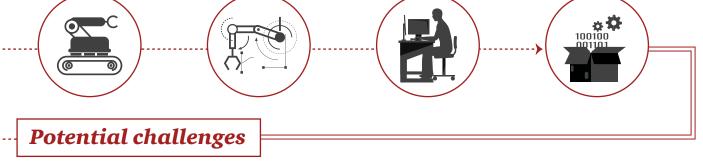
At a glance

Robots once were viewed as expensive, limited in their abilities, and applicable only in manufacturing. Now, THEY are more capable, easier to use, and less COSTLY, making the technology more desirable and accessible. But competing operating systems, form factors, and interfaces make for a fragmented robotics marketplace. We believe widespread adoption will accelerate when dominant vendors and platforms begin to emerge.

Five ways robots are going mainstream

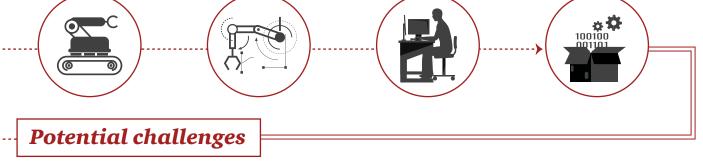








shortages



Your company may not have the knowledge or the Lack of expertise resources to buy and maintain robots. and support Fallout from Robots could displace workers, which could lower morale and create conflict with labor unions. job losses Safety rules and monitoring and reporting Regulatory requirements can create burdens, particularly compliance for smaller companies. Costs Prices for robots are dropping, but the cost of engineering the system, installing it, and managing the change can be prohibitive.

Potential new applications



Collaboration

Robots can replace or work as "cobots," in tandem with humans.



Handling more complex tasks

Robots can be instrumental in warehousing and fulfillment by fetching, monitoring inventory, moving pallets, picking, packing, screening, and inspecting. They can also greet, direct, and assist customers.



Mitigating labor shortages

Robots can be used to automate tasks too difficult and expensive for human manual labor. For example, robots won't just plant and harvest crops; they'll also monitor their health, size, and maturity, and target-spray fertilizer, herbicides, and fungicides where most needed.

Source: PwC, 2017



