

5 STEPS TO A DIGITAL OEE STRATEGY

More than **2 in 3** automakers have smart factory initiatives underway,ⁱ as the industry races to develop connected and autonomous cars.

Scalable OEE Drives Continuous Performance

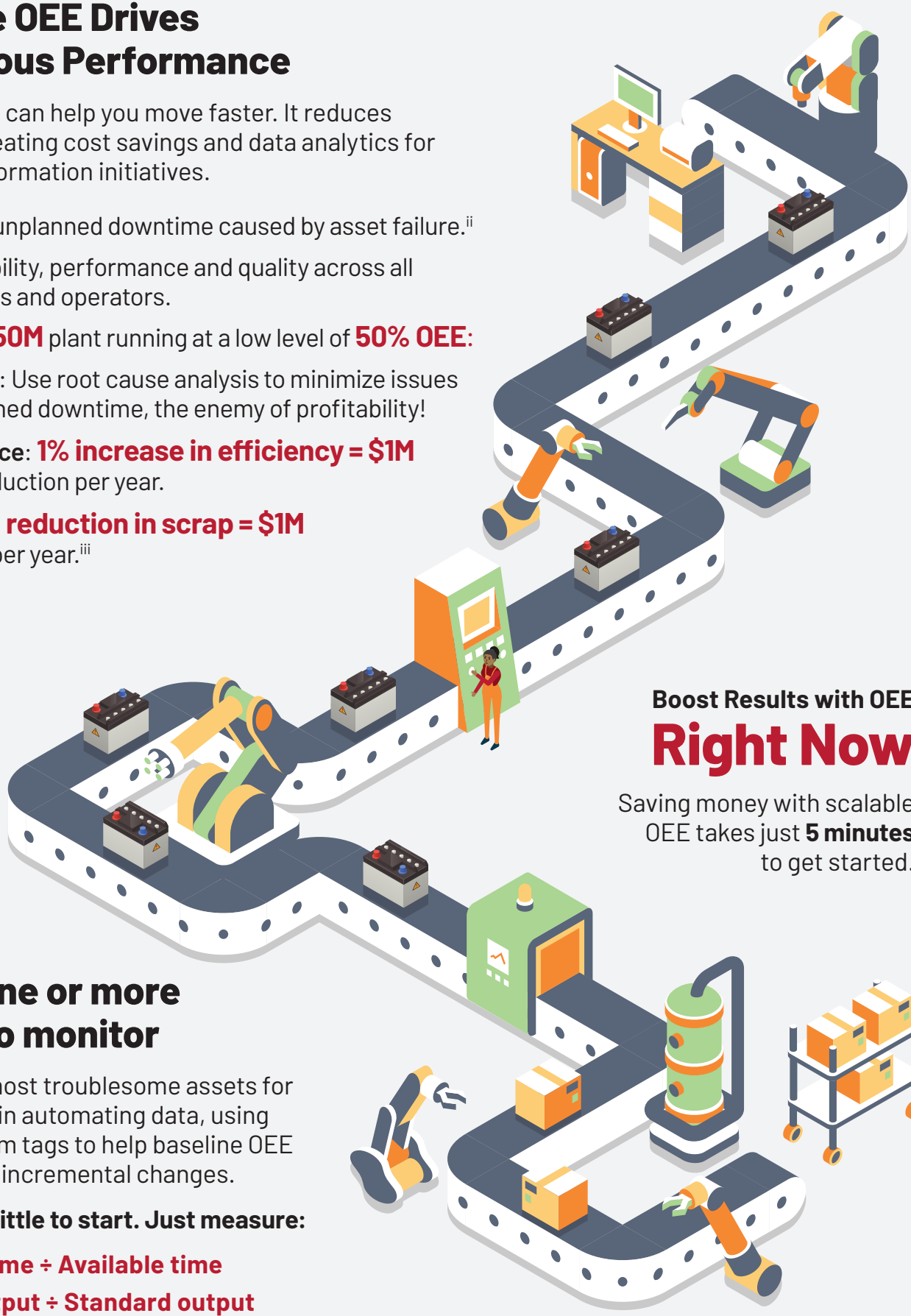
Scalable OEE can help you move faster. It reduces spending, creating cost savings and data analytics for digital transformation initiatives.

Avoid: **42%** unplanned downtime caused by asset failure.ⁱⁱ

Drive: Availability, performance and quality across all your machines and operators.

Gain: For a **\$50M** plant running at a low level of **50% OEE:**

- **Availability:** Use root cause analysis to minimize issues like unplanned downtime, the enemy of profitability!
- **Performance:** **1% increase in efficiency = \$1M** in new production per year.
- **Quality:** **1% reduction in scrap = \$1M** in savings per year.ⁱⁱⁱ



Boost Results with OEE Right Now

Saving money with scalable OEE takes just **5 minutes** to get started.

1 Select one or more assets to monitor

Select your most troublesome assets for analysis. Begin automating data, using control system tags to help baseline OEE and measure incremental changes.

You need so little to start. Just measure:

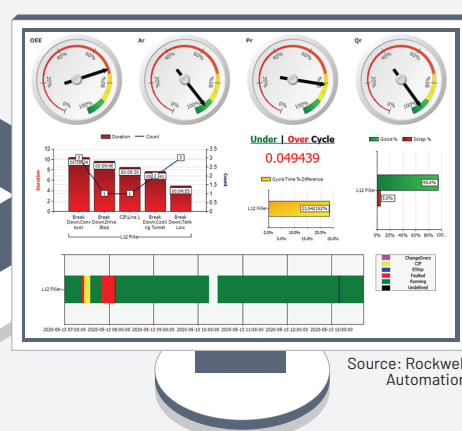
- Running time ÷ Available time**
- Actual output ÷ Standard output**
- Right-first-time output ÷ Total output**

2

Use OEE findings to optimize these assets

Review your OEE data daily, identifying issues that harm production and their root causes. Use visual dashboards with benchmarks to drive process improvements.

Let's see what the data reveals!



Source: Rockwell Automation

By adopting digital processes and dashboards, a leading automotive supplier was able to **increase OEE and productivity by 50%**.ⁱⁱⁱ

3 Expand your footprint, as you create an OEE culture

Leverage new data sources and new assets to expand OEE across your plant. Create dashboards that are optimized by staff roles.

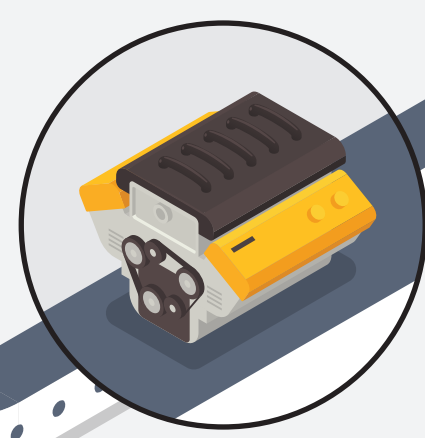
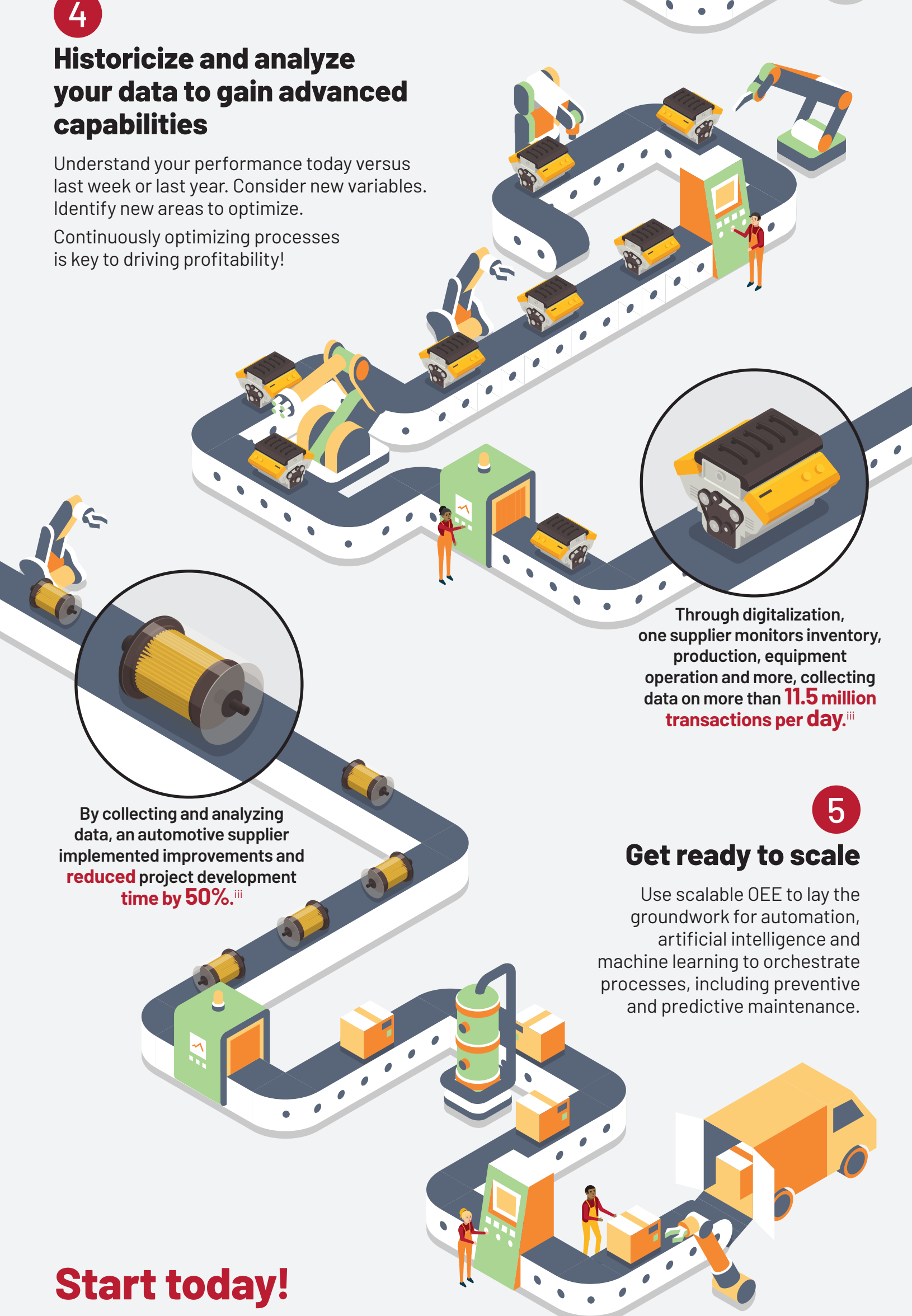
Develop a simple performance indicator anyone can understand.

Apply it to any machine, any location!

4 Historicize and analyze your data to gain advanced capabilities

Understand your performance today versus last week or last year. Consider new variables. Identify new areas to optimize.

Continuously optimizing processes is key to driving profitability!



Through digitalization, one supplier monitors inventory, production, equipment operation and more, collecting data on more than **11.5 million transactions per day**.ⁱⁱⁱ

5

Get ready to scale

Use scalable OEE to lay the groundwork for automation, artificial intelligence and machine learning to orchestrate processes, including preventive and predictive maintenance.

Start today!

It's so easy to save money and drive the results you want with scalable OEE.

Use OEE to jump-start your digital journey today!

Learn more about [FactoryTalk](#)



i. Capgemini

ii. partners.wsj.com

iii. Rockwell Automation