

THE PRODUCTIVITY PODCAST

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MANUFACTURING PRODUCTIVITY TOPIC:

We've seen a marketplace trend toward Programmable Automation Controllers replacing PLCs. These multi-disciplined controllers can productivity, especially as different facets of the control architecture are integrated into the PAC. Motion control is one of the main areas where integration brings large productivity benefits.

MAIN IDEAS:

Market Place Trends

- Explosive growth of new products
- Shorter product runs
- Improved yield
- Maximized throughput through higher production speeds and availability

Reasons Why PACs

- Improved machine productivity
- Increased engineering efficiency
- Enhanced machine flexibility

What to Look For in Integrated Motion Control

- 1) CPU Architecture – distributed CPU vs. single CPU
- 2) Common programming environment supported by open standards
- 3) Advanced features