LET'S BE HONEST...

ABOUT
DIGITAL TRANSFORMATION

A NOTE FROM OUR CEO

Companies don't wake up one day and have fully automated, AI-powered operations. It's a process. And frankly, a lot of businesses don't know exactly where they are in that process—let alone how to move forward.

If your operations feel **inefficient,** if your data **isn't helping you make better decisions**, or if you're constantly **reacting to problems instead of preventing them**, you're in the right place.

This guide **cuts through the noise** and lays out the five key stages of digital maturity.

Find where you are.
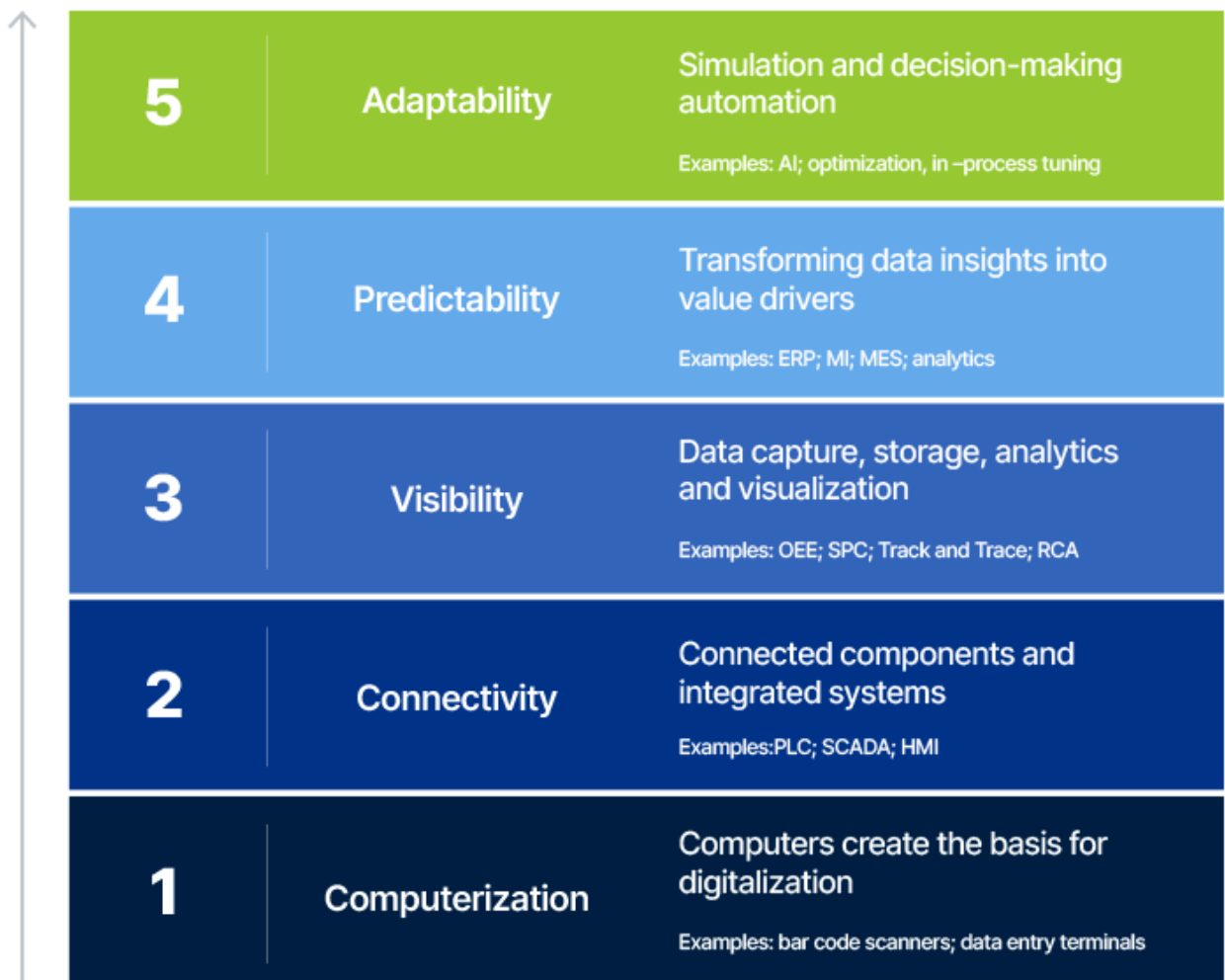See what's next.
Take action.

Kevin Hannigan
CEO, InflexionPoint

inflexion point

The Five Stages of Digital Maturity

Every business moves through **five levels** of digital maturity. The goal?

Operational excellence—where your systems, data, and automation work together to make your business more efficient, agile, and profitable.

5	Adaptability	Simulation and decision-making automation
		Examples: AI; optimization, in –process tuning
4	Predictability	Transforming data insights into value drivers
		Examples: ERP; MI; MES; analytics
3	Visibility	Data capture, storage, analytics and visualization
		Examples: OEE; SPC; Track and Trace; RCA
2	Connectivity	Connected components and integrated systems
		Examples: PLC; SCADA; HMI
1	Computerization	Computers create the basis for digitalization
		Examples: bar code scanners; data entry terminals

inflexion point

01 Computerization:
Going from Manual to Digital Basics

At this stage, your team **relies on manual processes** to track production, inventory, and performance. That means constant **data entry errors, slow decision making, and lost time** chasing down paperwork. If operations feel disorganized and scaling seems impossible, you're here.

The Problem

- Your team relies on manual processes, leading to errors and slow operations.
- Data is scattered across paper records or spreadsheets, making tracking a nightmare.
- Production bottlenecks are hard to diagnose, and growth is limited.

What You Need To Do Next:

- Digitize manual processes with barcode scanners & data entry systems.
- Move to cloud-based record-keeping to eliminate paperwork errors.
- Build basic IT infrastructure to prepare for automation.

How We Help:

We help companies move from **manual to digital without the chaos**. Our team installs barcode scanners, RFID tracking, and automated data entry systems. More importantly, we **train your team** so they're not left struggling with new tools. And if something goes wrong? Our **support team** is ready to help.

www.inflexionpoint.ai

inflexion point

02 Connectivity:
Getting Systems to Talk to Each Other

Now that you've digitized processes, another issue crops up: **your systems don't communicate**. Production data might be in one place, inventory tracking in another, and maintenance logs somewhere else. Instead of working together, **your tools create silos**—forcing employees to manually transfer information between systems.

→ The Problem

- Your digital tools don't sync, creating data silos.
- Employees manually transfer information between systems, causing delays.
- No real-time monitoring, so you're always reacting instead of planning ahead.

What You Need To Do Next:

- Integrate PLC, SCADA, and HMI systems to unify operations.
- Enable real-time data flow across production and monitoring systems.
- Reduce manual intervention with automated workflows.

How We Help:

We handle **system integration from start to finish**—whether that's connecting your PLCs, setting up SCADA systems, or making sure your MES and ERP actually work together. Our team also provides on-call troubleshooting, so **you're never left scrambling** when something isn't syncing the way it should.

www.inflexionpoint.ai

inflexion point

03 Visibility:
Turning Raw Data into Real-Time Insights

By now, you've got **connected systems**, but here's the problem: you're drowning in data, and it's not helping you make **better decisions**. Operators spend too much time compiling reports instead of **acting on them**. Finding bottlenecks is frustrating, and inefficiencies persist because **performance metrics aren't clear**.

→ The Problem

- You collect data, but it's not structured or accessible in real time.
- Root cause analysis takes too long, leading to delayed problem-solving.
- Reports are manual & outdated, making it hard to track KPIs.

What You Need To Do Next:

- Implement real-time dashboards for instant visibility.
- Use OEE, SPC, and Track & Trace tools to monitor efficiency.
- Standardize data collection & reporting for better analysis.

How We Help:

We don't just **set up dashboards** and call it a day. We work with you to **customize reporting tools**, ensuring that every data point is tied to **real operational goals**. Our team trains your staff on real-time data interpretation, so they know how to use insights to make **faster, smarter decisions.**

www.inflexionpoint.ai

inflexion
point

04 Predictability:
Stop Reacting. Start Optimizing.

At this stage, you're making **data-driven decisions**, but you're still **reacting to issues after they happen**. Machines break down unexpectedly, production delays keep **throwing off schedules**, and resources aren't being used efficiently.

The Problem

- Your team fixes issues after they happen, causing unexpected downtime.
- Data isn't being used proactively to optimize operations.
- Production planning is inefficient, leading to wasted resources.

What You Need To Do Next:

- Use historical data & AI analytics to predict & prevent failures.
- Implement predictive maintenance to catch issues before breakdowns.
- Optimize resource planning using data-driven forecasting.

How We Help:

We move businesses from **reactive to proactive** by implementing AI-powered analytics that continuously monitor equipment and production performance. Our team helps you leverage ERP, MES, and historical data analysis tools to **optimize scheduling, reduce waste, and eliminate costly surprises**.

www.inflexionpoint.ai

inflexion point

05 Adaptability:
Automation That Runs Itself

Now you're collecting data, making **predictive decisions**, and optimizing resources —but there's still a bottleneck: **human intervention**. Your team is constantly tweaking processes when conditions change, reacting to shifts in demand, and adjusting schedules manually.

→ ## The Problem

- Your team still manually adjusts processes when conditions change.
- You don't have real-time, automated process tuning.
- AI-powered improvements haven't been scaled across operations.

What You Need To Do Next:

- Implement AI-driven automation for real-time adjustments.
- Optimize in-process tuning for continuous improvement.
- Scale machine learning across multiple sites or departments.

How We Help:

We help companies build AI-driven operations that **adapt in real time**. Our systems handle everything from in-process tuning to large-scale optimization. Whether it's AI-driven scheduling, automated quality control, or live supply chain adjustments, **we tailor solutions for agility and efficiency**.

www.inflexionpoint.ai

inflexion point

Take the Next Step Toward Operational Excellence

Wherever you are in your digital maturity journey, the next move is simple:

fix what's slowing you down.

Maybe you're still stuck in **spreadsheets and paperwork**. Maybe your systems aren't talking to each other. Or maybe you're collecting data but **not using it to predict and prevent problems**. Wherever you are, we help companies like yours **streamline operations, eliminate inefficiencies, and get real, measurable results.**

→

www.inflexionpoint.ai

inflexion point

WHY WORK WITH US:

- **We cut through the noise.** No buzzwords, no fluff—just real operational improvements.
- **We meet you where you are.** Whether you're at Stage 1 or Stage 5, we make the next step easy.
- **We stick around.**From system setup to staff training and ongoing coaching, we make sure you get results.

HOW TO GET STARTED:

- **Schedule a Consultation.** Let's map out the exact next steps for your business.
- **Get a Free Digital Maturity Assessment.** Find out where your operations stand right now.
- **Talk to Our Experts.** Have questions? Let's discuss how we can help.

YOUR GOALS, OUR GUIDANCE.
SHARED SUCCESS.

inflexion point

www.inflexionpoint.ai

info@inflexionpoint.ai