

The Maintenance Retirement Cliff

The best diagnostic database in most American plants is a veteran's memory — undocumented, and retiring.

THE PROBLEM

Manufacturing faces a workforce cliff. The technicians who have kept lines running for decades are aging out faster than they can be replaced, and the fixes in their heads leave with them.

2.1M

UNFILLED JOBS BY 2030

54 YRS

AVG. TECHNICIAN AGE

16%

WORKFORCE UNDER 40

WHY IT HURTS UPTIME

- The answer to almost every fault is scattered across systems that don't talk to each other.
- Each system takes a specialist just to open — the PLC and SCADA need a controls engineer.
- So every fault becomes a hunt, and every minute of hunting is a minute of downtime.

THE PATH FORWARD

Capture tribal knowledge before it walks out the door, and put it in the hands of every technician. An agent that reads the alarm, walks the tech through the fix, and documents it turns a retirement risk into a permanent asset.