



BLAINE MORGAN

Founder, N. B. Morgan Systems

Fractional CTO for Advanced Manufacturing & Production Systems

I help manufacturing CEOs who've hit a ceiling find and fix the one thing that's actually holding them back.

Every system has one real bottleneck. Not seven. Not eleven. One. I bring the x-ray and the scalpel: find it, fix it, move on.

What I Do

- Turn manual production bottlenecks into automated systems that scale with demand
- Protect revenue by closing compliance and traceability gaps before regulators find them
- Build the engineering team and culture so growth doesn't depend on one person (including me)
- Make your production data tell the truth about what's actually limiting output
- Keep production running while the regulatory ground shifts underneath you

Who I Work Best With

Manufacturing CEOs at \$10M–\$100M companies with 75–150 employees who've hit a growth ceiling. Your line works but won't scale, your compliance posture has gaps you can feel but can't pinpoint, and the last engagement fixed the wrong thing.

What People Say

"We constantly solve impossible problems together. He has a knack for psyching out the intractable issues created by design errors, or seeing how to integrate systems with apparently incompatible architectures."

— Thomas Considine, Data Architect & Researcher

Ready to Find Your Real Bottleneck?



[Book a call](https://cal.com/nbmorgan/quick-chat) <https://cal.com/nbmorgan/quick-chat>

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BIO

25+ years solving problems where the physics of the product, the automation of the line, and the regulatory framework all have to work together or nothing ships. I find the real constraint, build the system or team to break through it, and transfer ownership so it runs without me.

At Photon Control I took fiber optic coupler **yield from ~5% to commercially viable** through automation. At Dicon I **caught a traceability gap exposing \$300K–1.5M/month in regulatory risk** before it became an FDA conversation.

I enjoy finding constraints that have become accepted as “just the way things are,” then removing them so that people, teams, and organizations can achieve results they didn't think were possible.



N. B.



MORGAN



