

It Has To Be Done Right

"Advice from JDAN"

John Perry Dancoe, Principal Consultant









"Never go to the moon without duct tape."

John Perry Dancoe from My Very Best Advice



"But with the throttle screwed on there is only the barest margin, and no room at all for mistakes.

It has to be done right..."

Hunter S. Thompson

from Hell's Angels A Strange and Terrible Saga







Who is John Perry Dancoe (aka "JDAN")?

- ➤ 1991 MSP Industries: Tooling and Process Design Engineer
- ➤ 1994 BBC: Chief Engineer
 - ➤ Directed first implementation of Plexus Information System outside MSP
- ➤ 1997 Plexus Systems: Application Developer
- ≥2007 Plexus Systems: Sr. Implementation Project Manager
- ≥2011 Plex Systems: Sr. Product Manager
 - ➤ Product Data Management (Parts, Routings, BOMs)
 - ➤ Quality Management System
 - **≻**Lot Management System
- >2021 VON BLITZ/DESIGN LLC



What is von BLITZ/DESIGN...?

- ➤ "von Blitz" means "of lightning"
 - **≻**Energy
 - **>**Speed
 - **≻**Brilliance

- ➤ Q: What does von Blitz design?
 - ➤ A: What do you need?



What is von BLITZ/DESIGN ?

- >IT consulting, with deep expertise in the Plex Manufacturing Cloud
- ➤ Custom reporting and analytics development
- ➤ Configuration analysis and optimization
- >Implementation services
- Quality management consulting
- > Business process design and improvement
- ➤ Manufacturing process design and improvement
- ➤ Mechanical design
- ➤ Problem solving



Agenda

➤ Doing It Right with the Plex Quality Management System

➤ Ask Me Anything



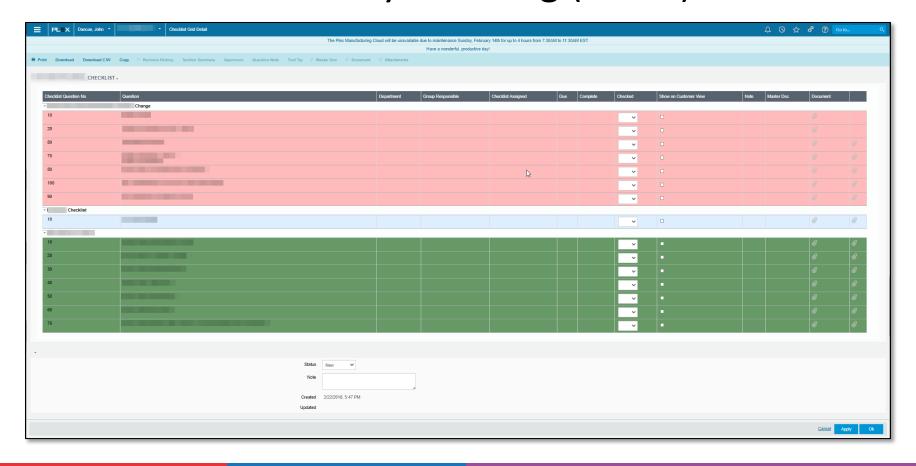
It has to be done right.



- ➤ Advanced Product Quality Planning (APQP)
- ➤ Failure Mode and Effects Analysis (FMEA)
- ➤ Part and Process Specifications
- ➤ Control Plans, Checksheets, and SPC
- ➤ Gage Control
- ➤ Production Part Approval Process (PPAP)
- ➤ Supplier Quality Management (SQM)
- ➤ Problem Control
- ➤ Compliance and Audits

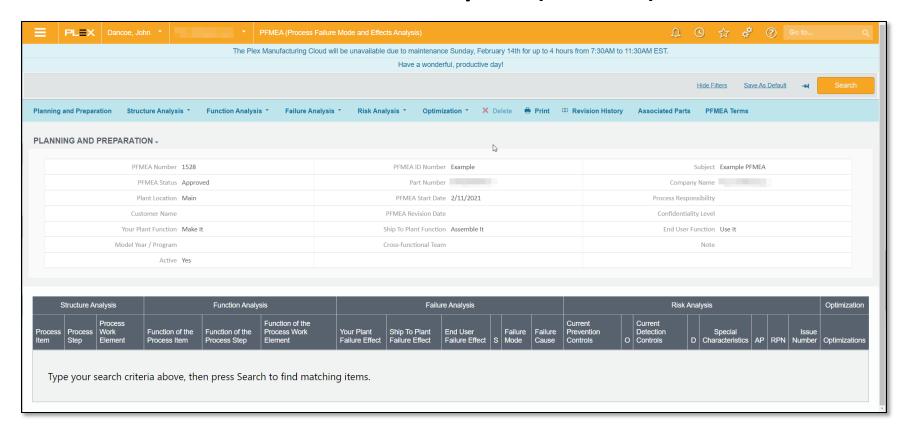


➤ Advanced Product Quality Planning (APQP)



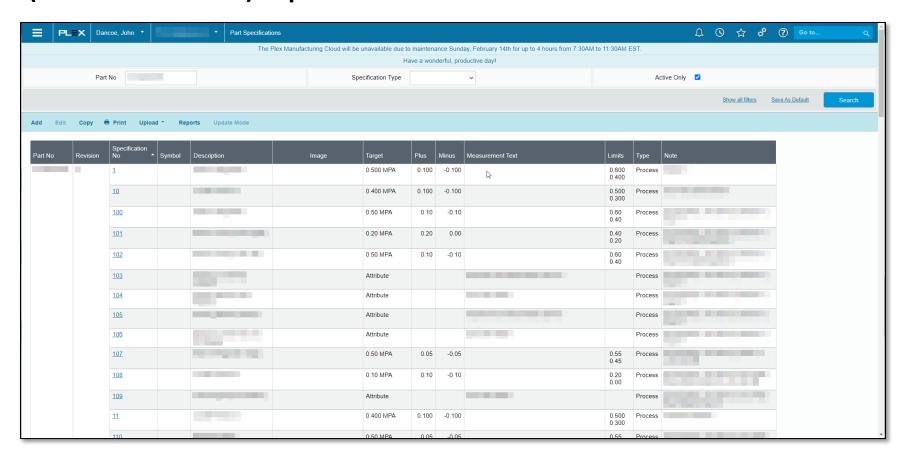


Failure Mode and Effects Analysis (FMEA) / PFMEAs



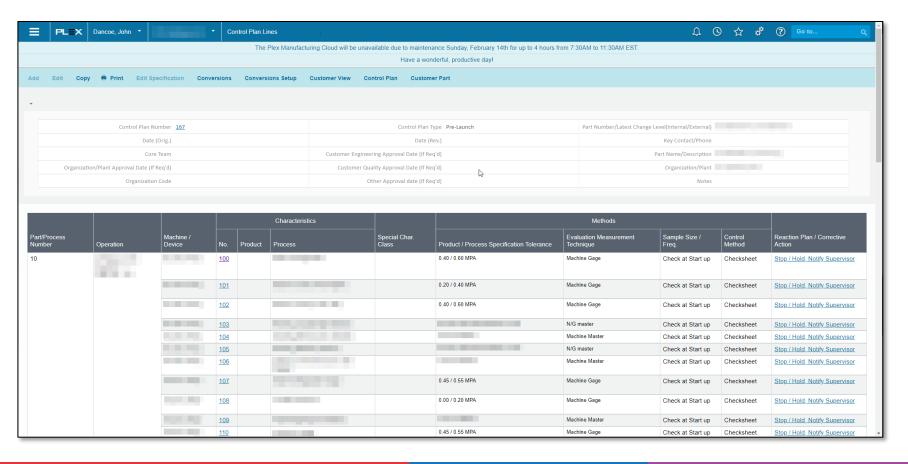


➤ Part (and Process) Specifications



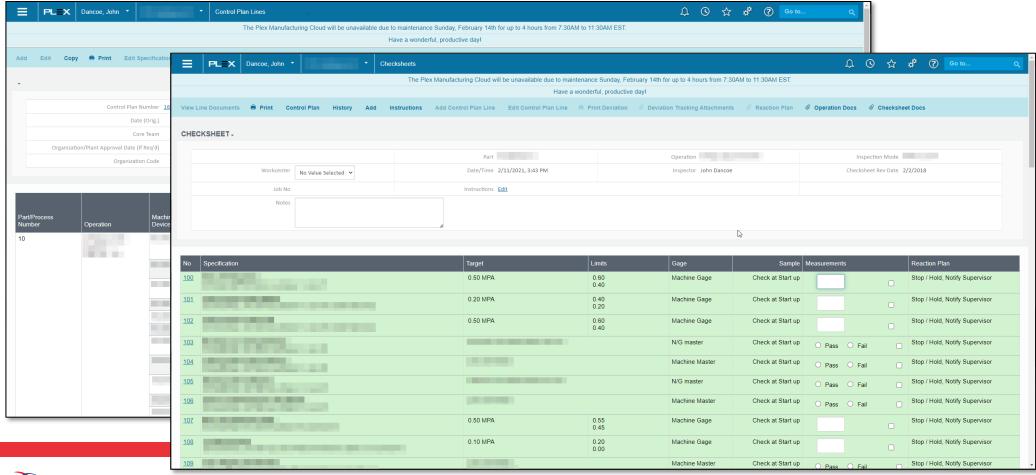


➤ Control Plans, Checksheets, and SPC



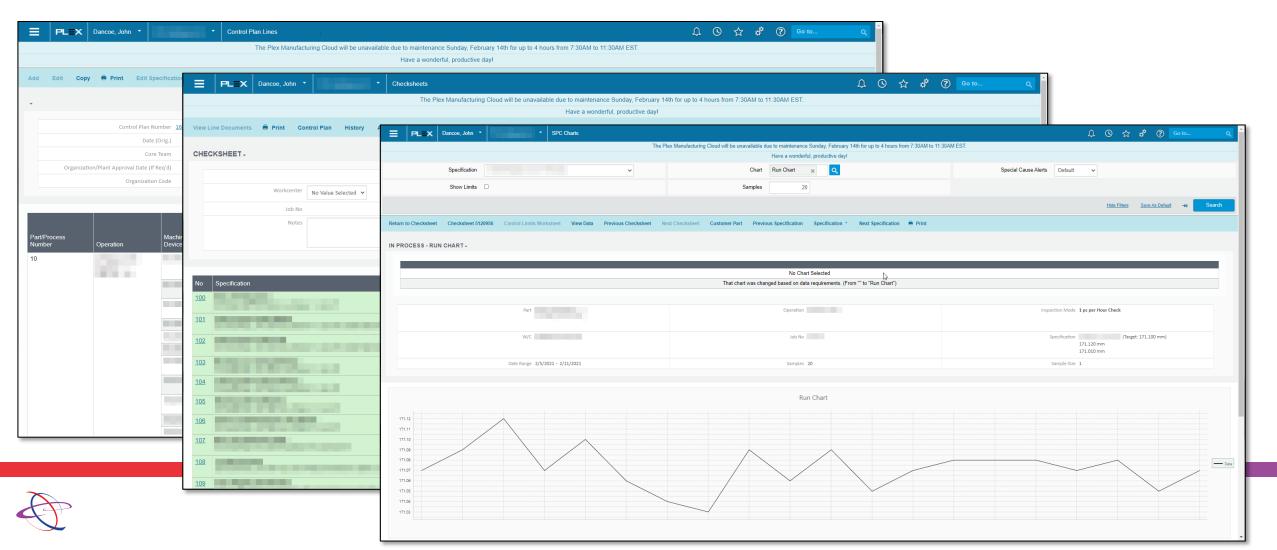


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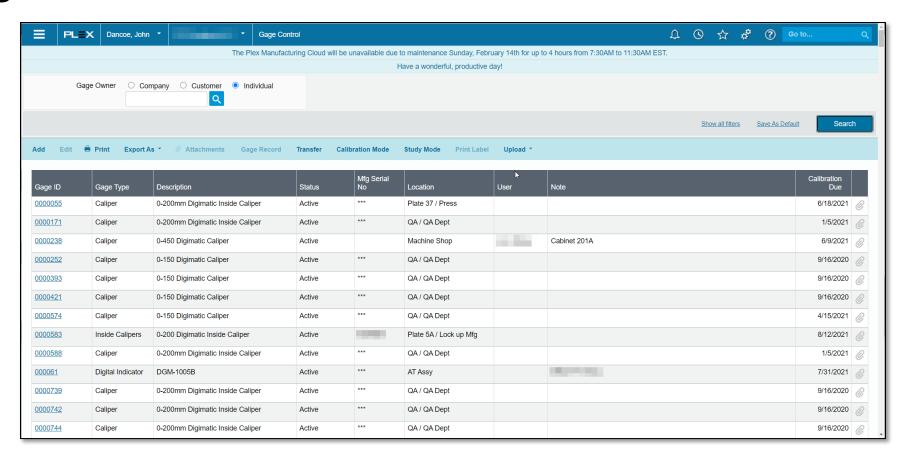




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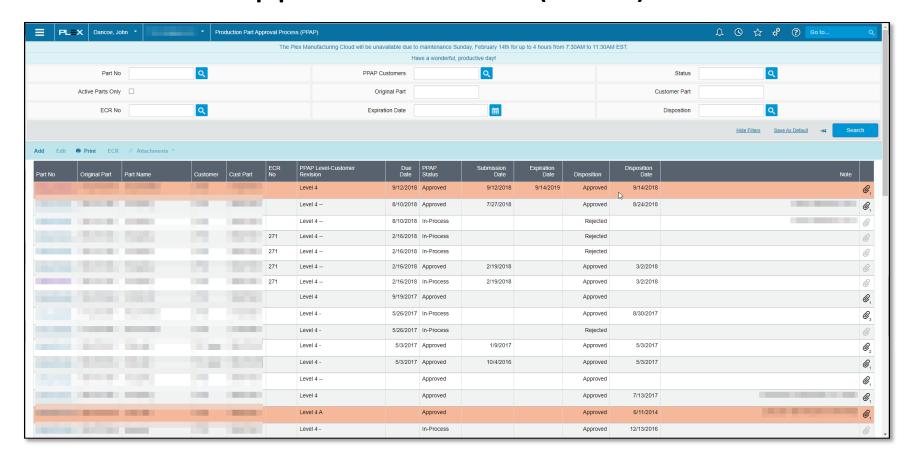


➤ Gage Control



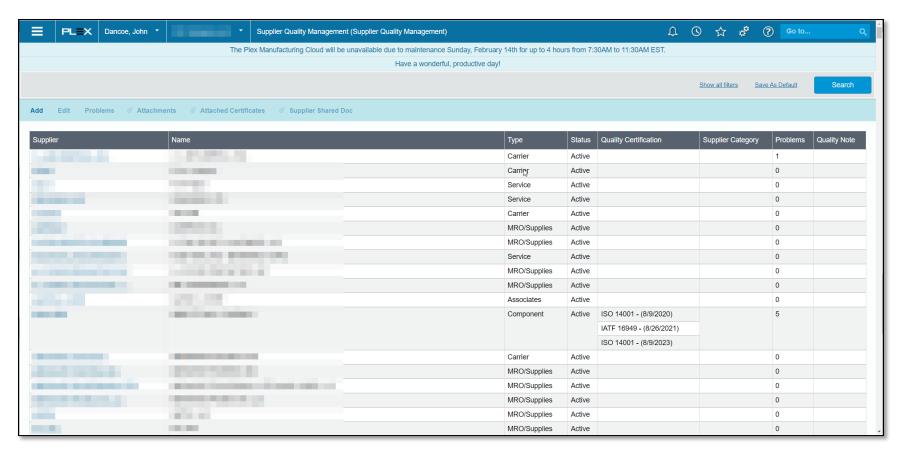


➤ Production Part Approval Process (PPAP)



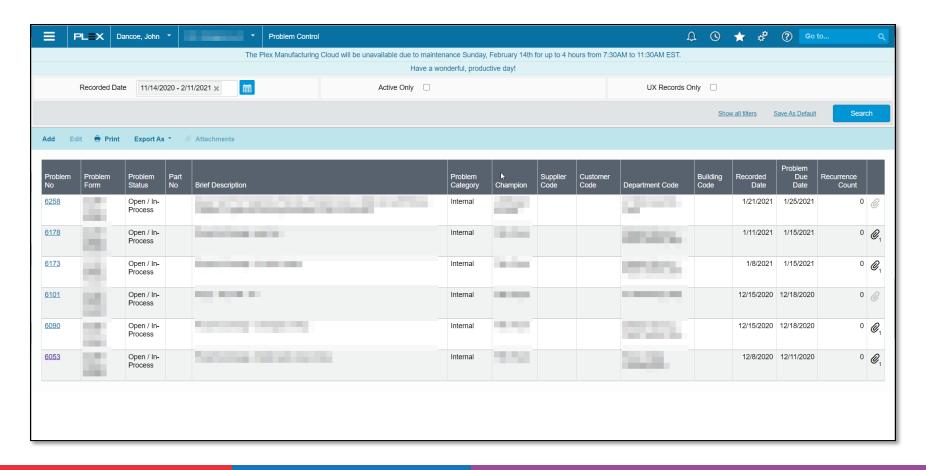


➤ Supplier Quality Management (SQM)



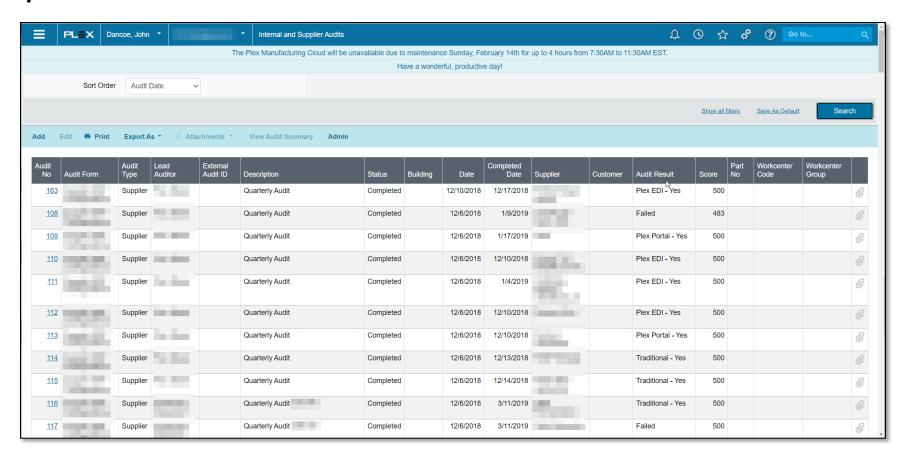


➤ Problem Control





➤ Compliance and Audits









AMA

- Topics with which I've recently been involved:
 - BOM Substitutions
 - Configurable UX problem control forms
 - AIAG & VDA PFMEA
 - Improved SPC notifications
 - Stand-alone Plex QMS
 - Improved Lot Trace report
 - 2021 MES roadmap:
 - Unit of measure rationalization
 - Multiple routings
 - Batch management
 - Yield management





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