



2026 DSP Conference

The Impact of Standardization

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“Implementation of the Defense Standardization Program in the Department of the Navy”

- The goals of standardization efforts are to respond to Program Office and end user demand signals and to improve:
 - The relevance of standards to current and future DoN Missions
 - The safety of systems and individuals
 - The currency of standards in addressing technology and lessons learned
 - The total ownership cost of products delivered and sustained
 - The application of commonality and openness principles within and across systems and programs
- Examples follow.

Nuclear Quality Control



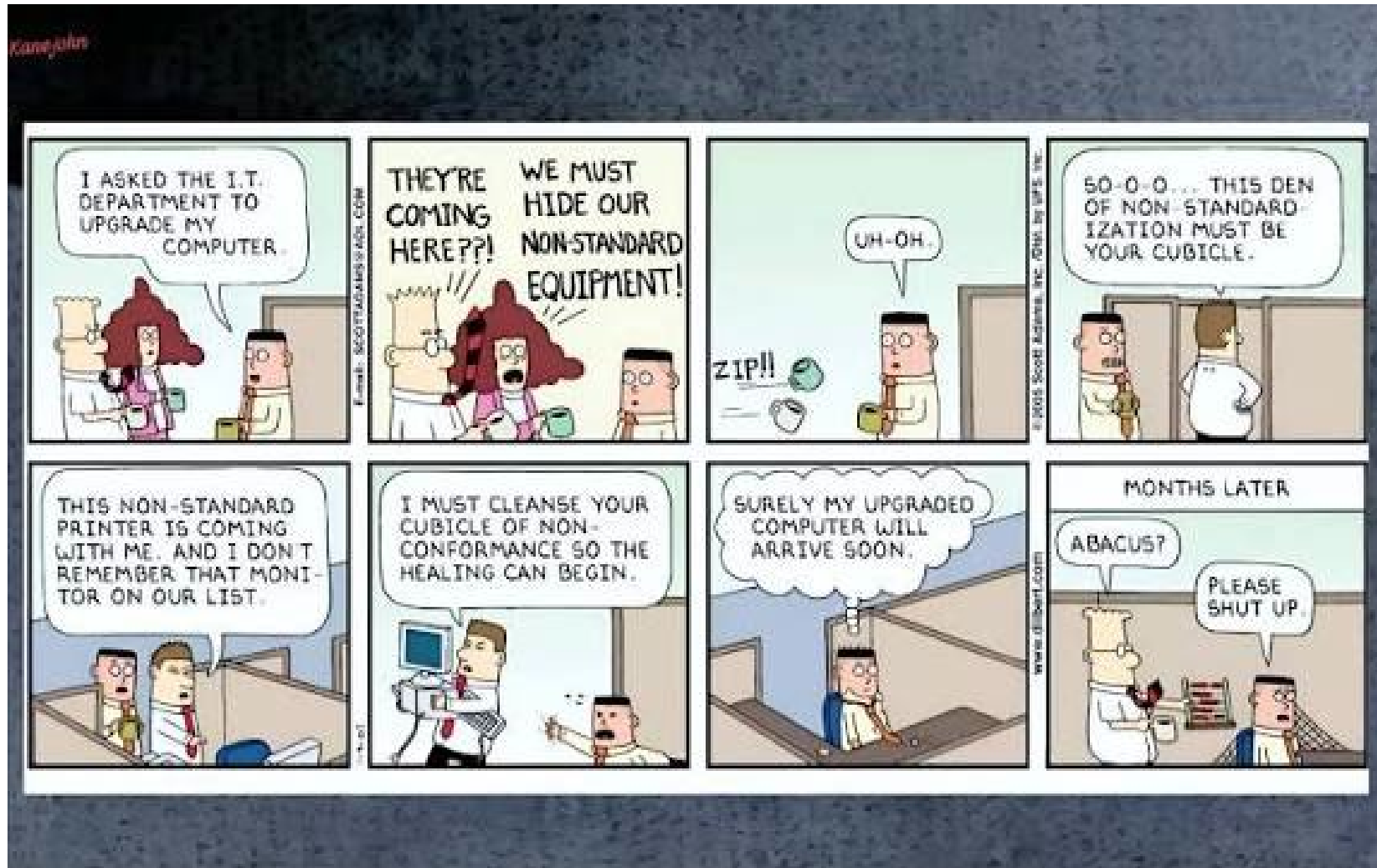
Reactor Plant Welding



Submarine Structural Fabrication



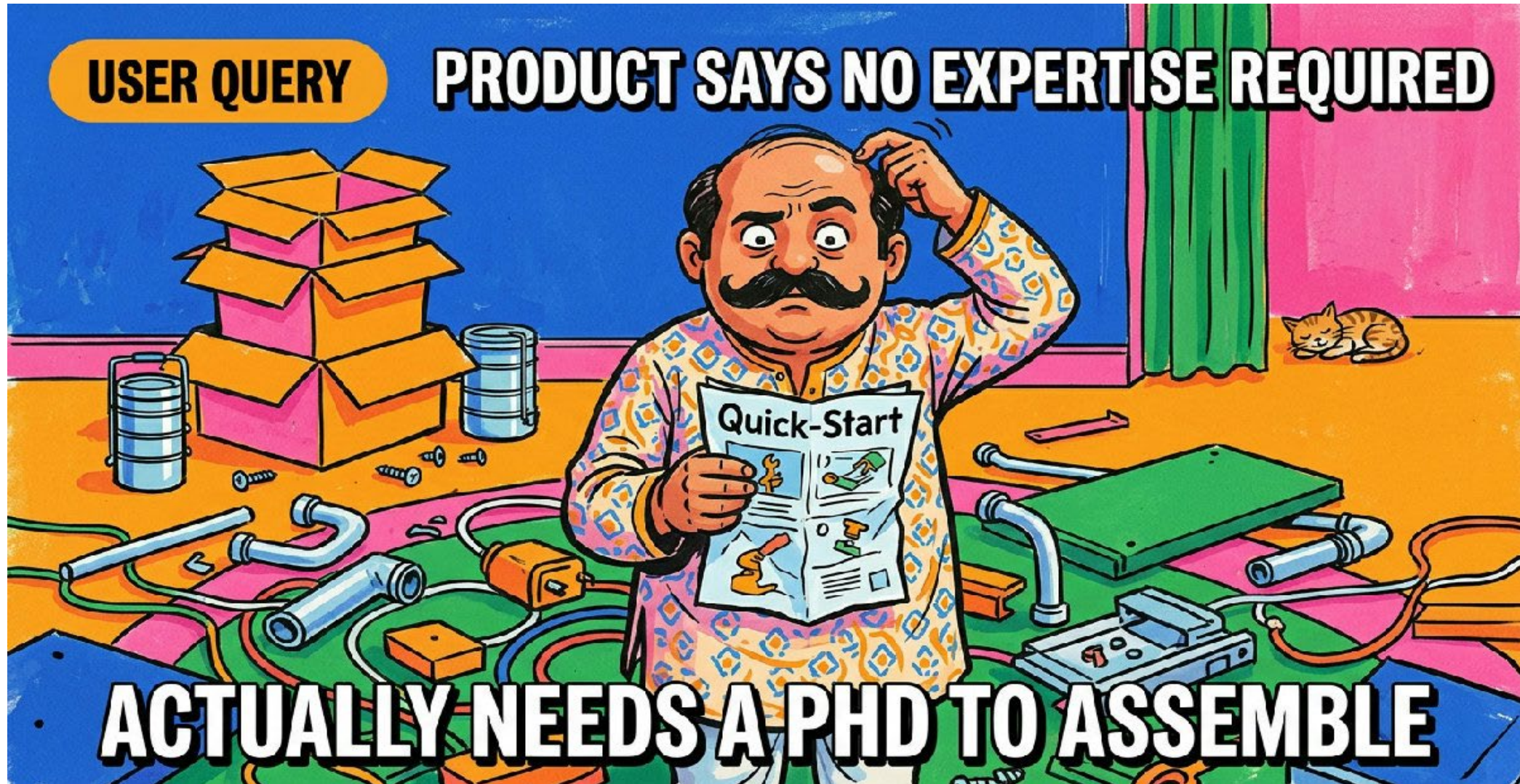
Departures from Specification



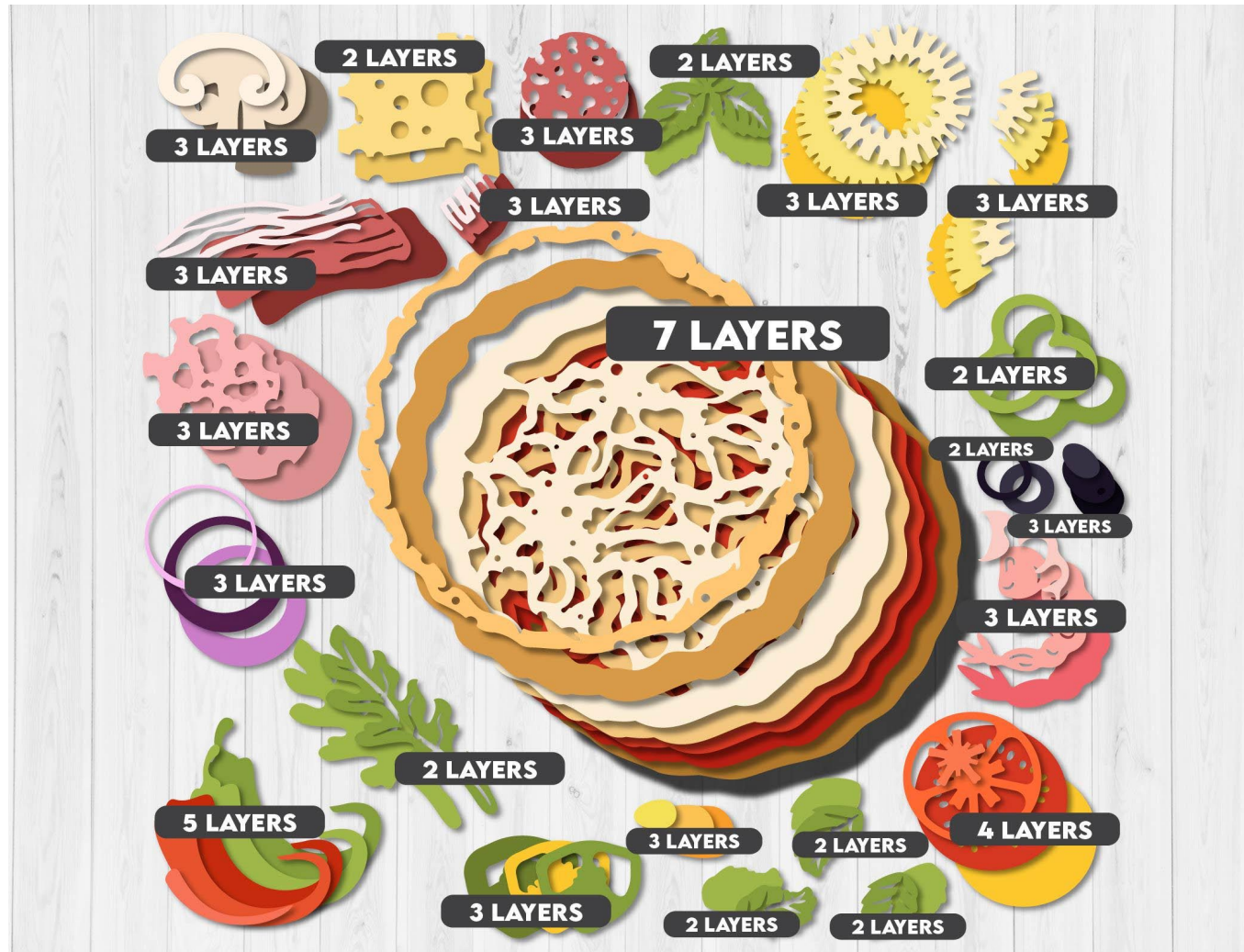
Engineering and Technical Authority Policy



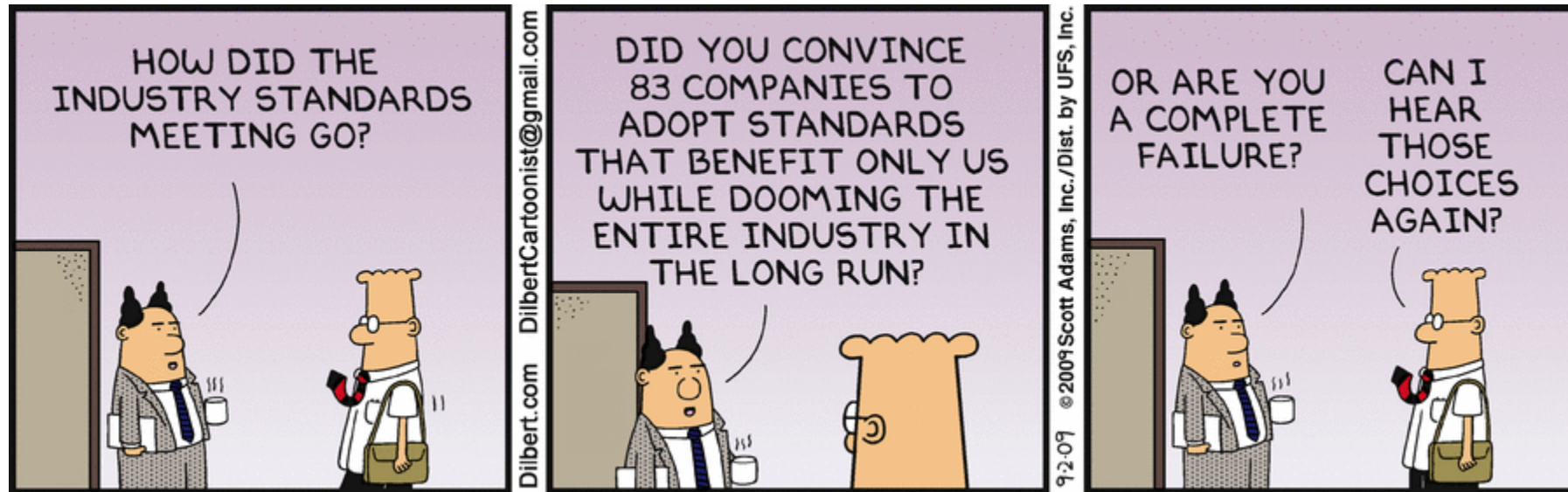
Human Systems Integration



Additive Manufacturing



Configuration Management



Conclusions

- Understand User Needs
- Approach standardization efforts with the intent to improve:
 - *Relevance*
 - *Safety*
 - *Currency*
 - *Total Ownership Cost*
 - *Commonality*
- Enable young engineers to write technical standards, and encourage them to monitor implementation, learn from mistakes, and practice continuous improvement.