A COUNTERFEIT COMPONENT CASE HISTORY

Bob Lowry

Electronic Materials Consultant

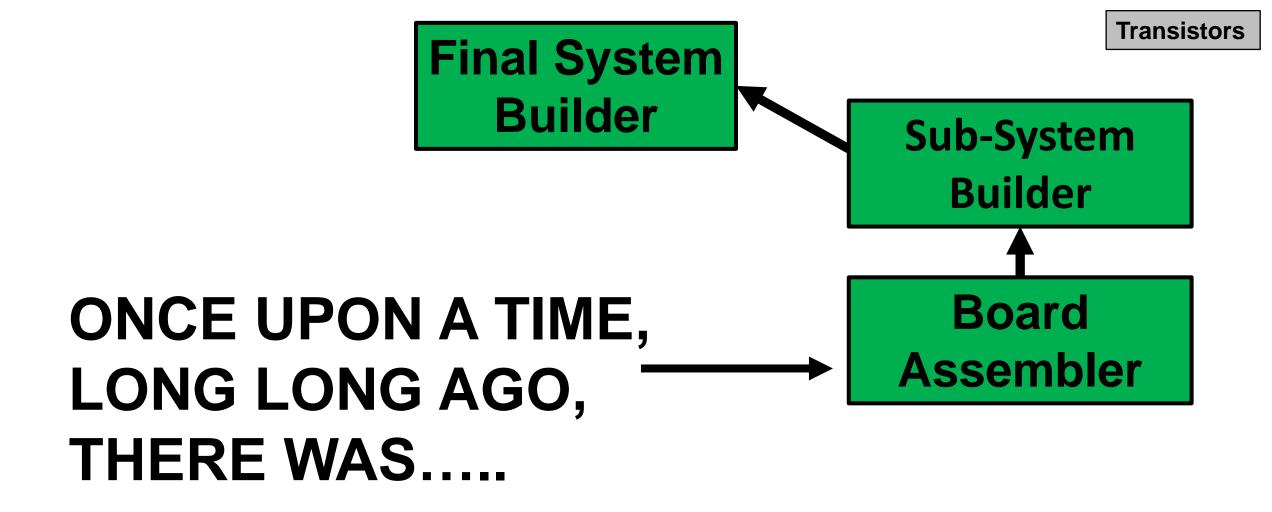
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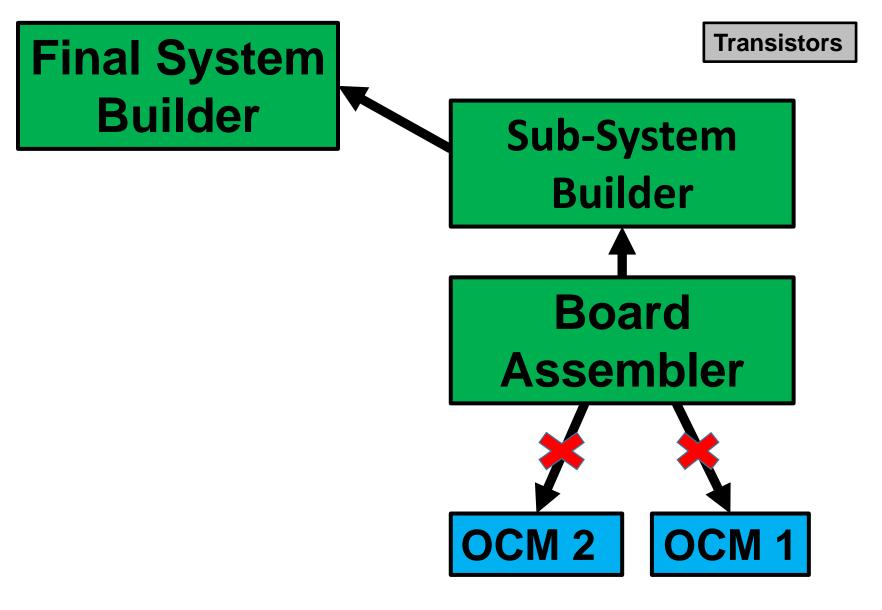
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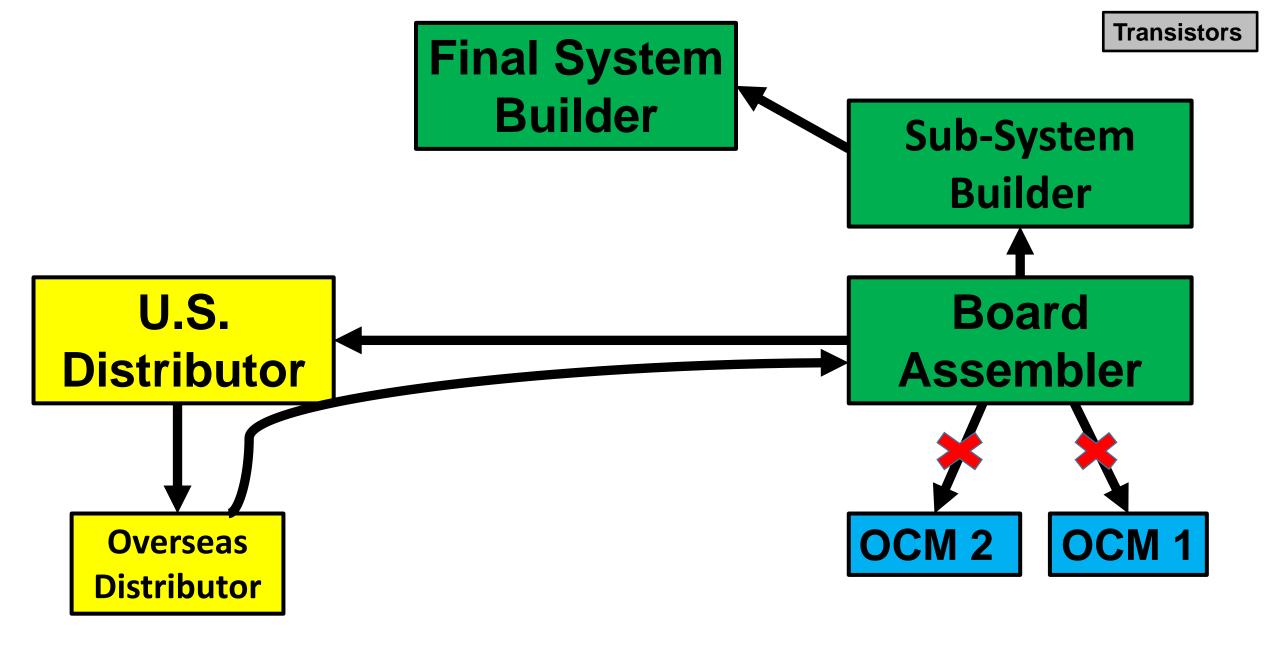
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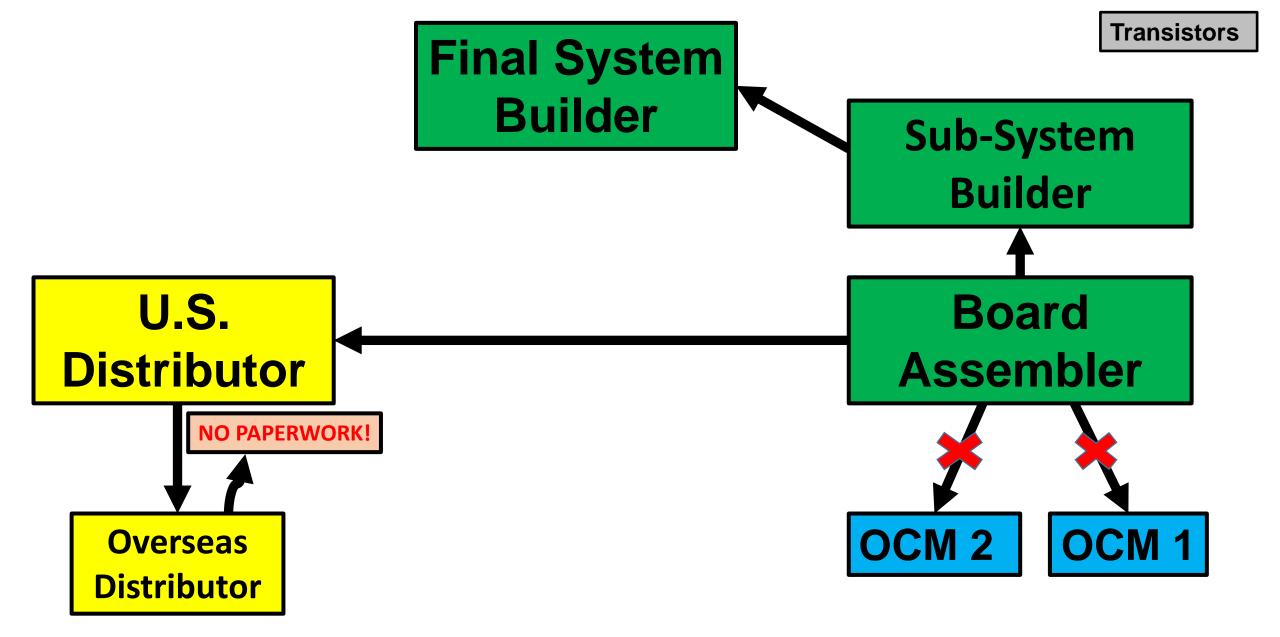
rlowry98@aol.com

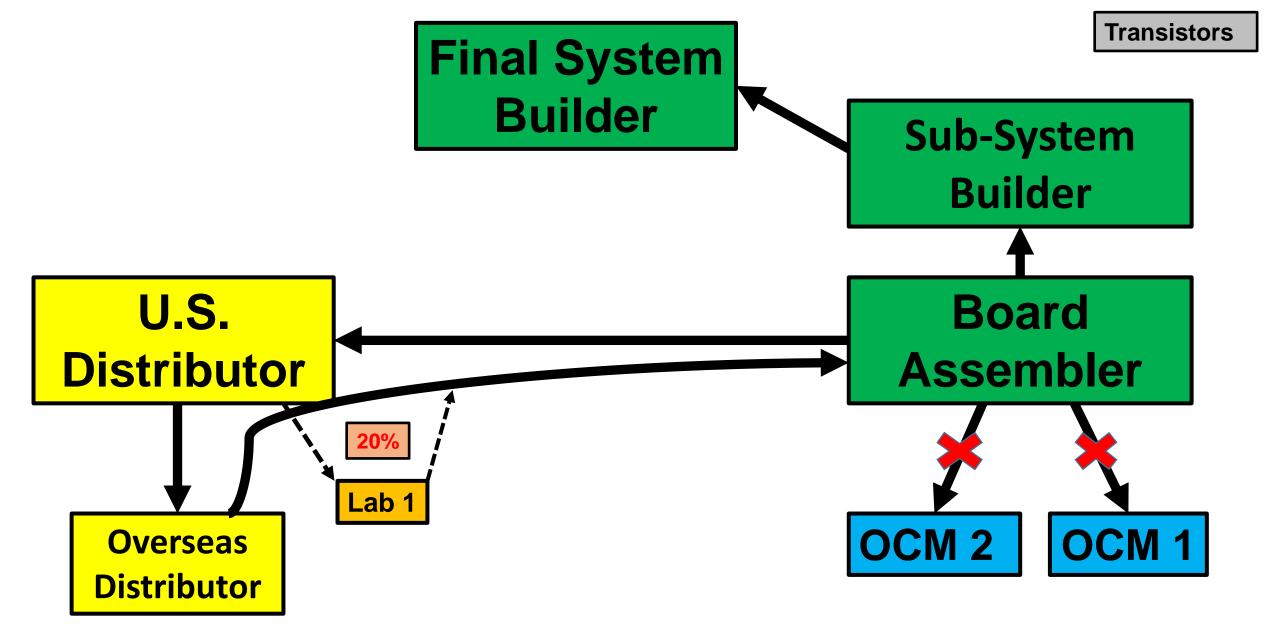
A SORDID TALE OF NEGLECTED PRODUCT QUALITY, DRIVEN BY AVARICE AND SCHEDULE

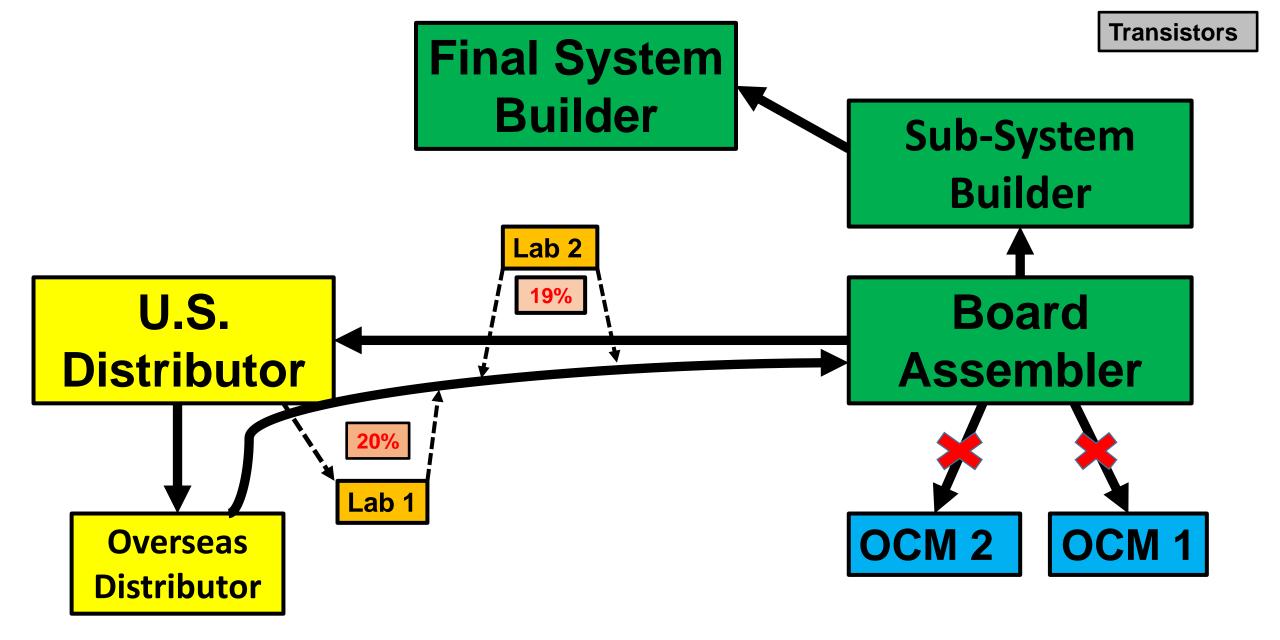


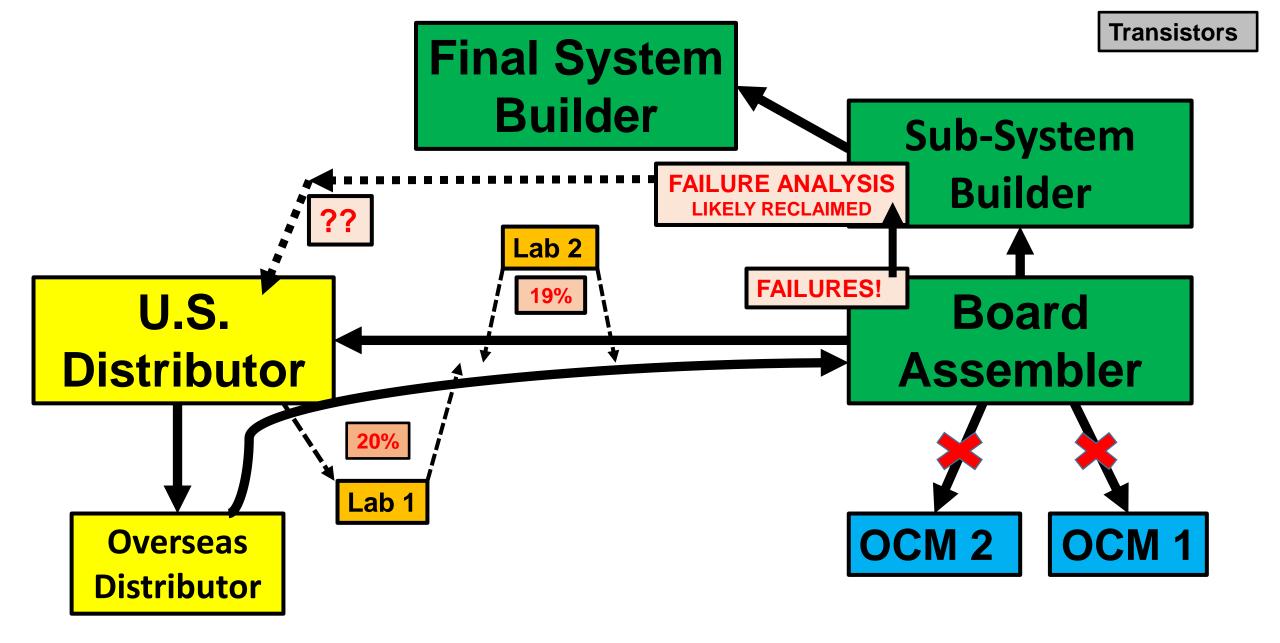


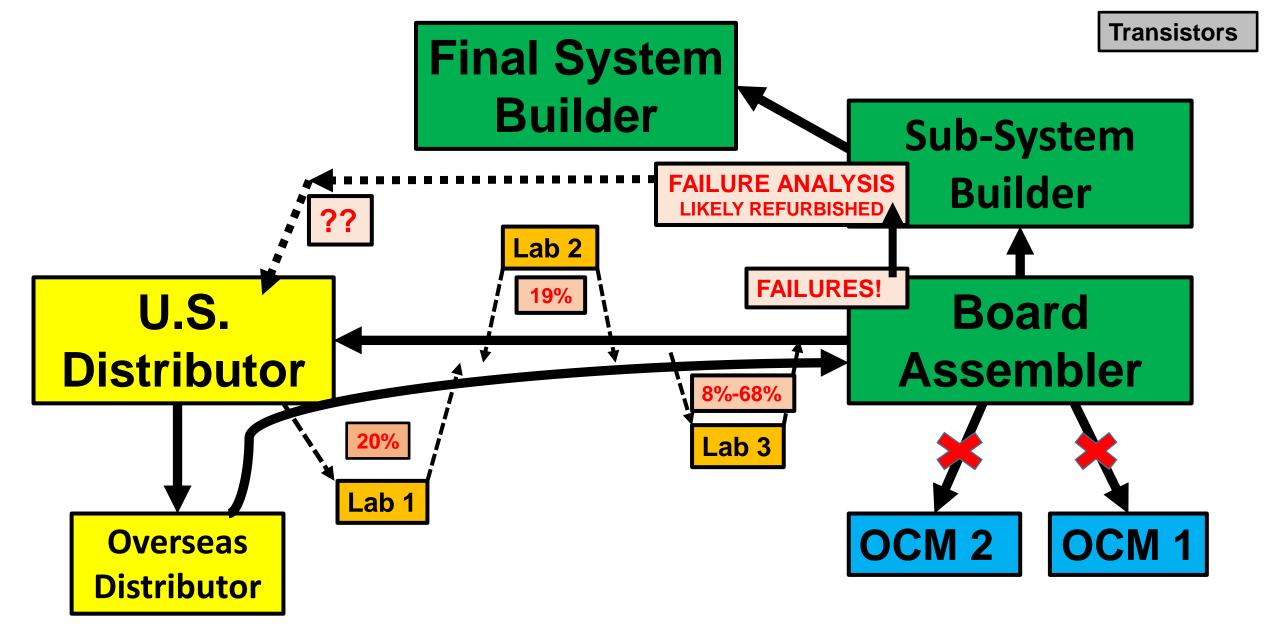


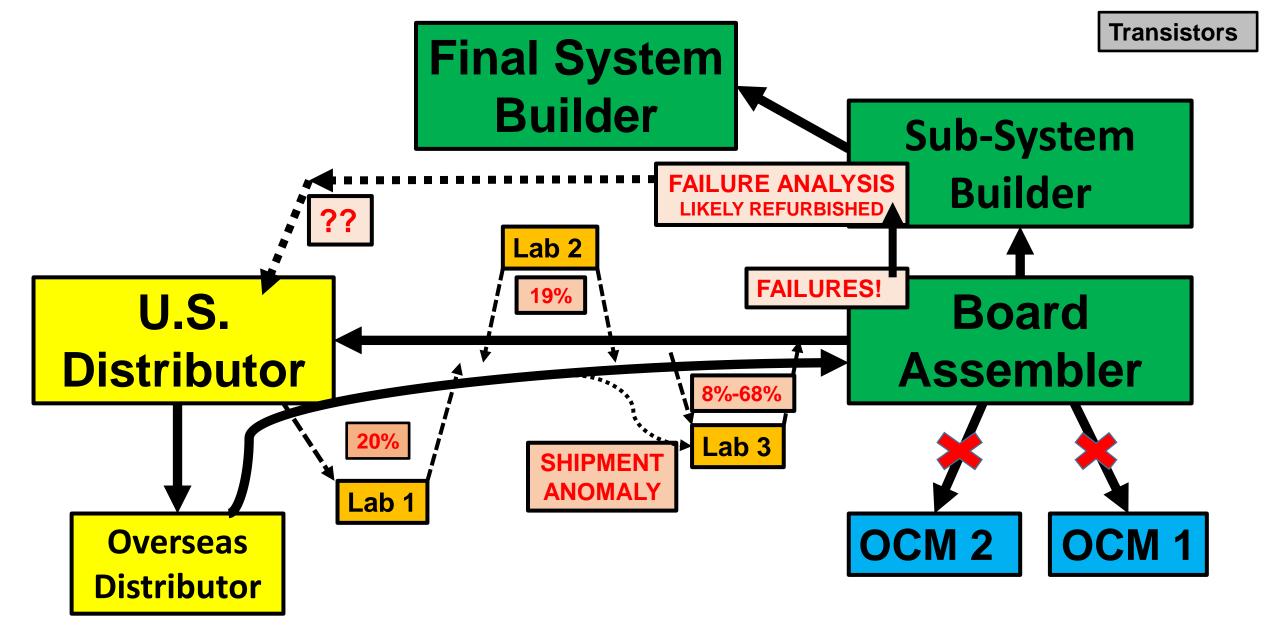










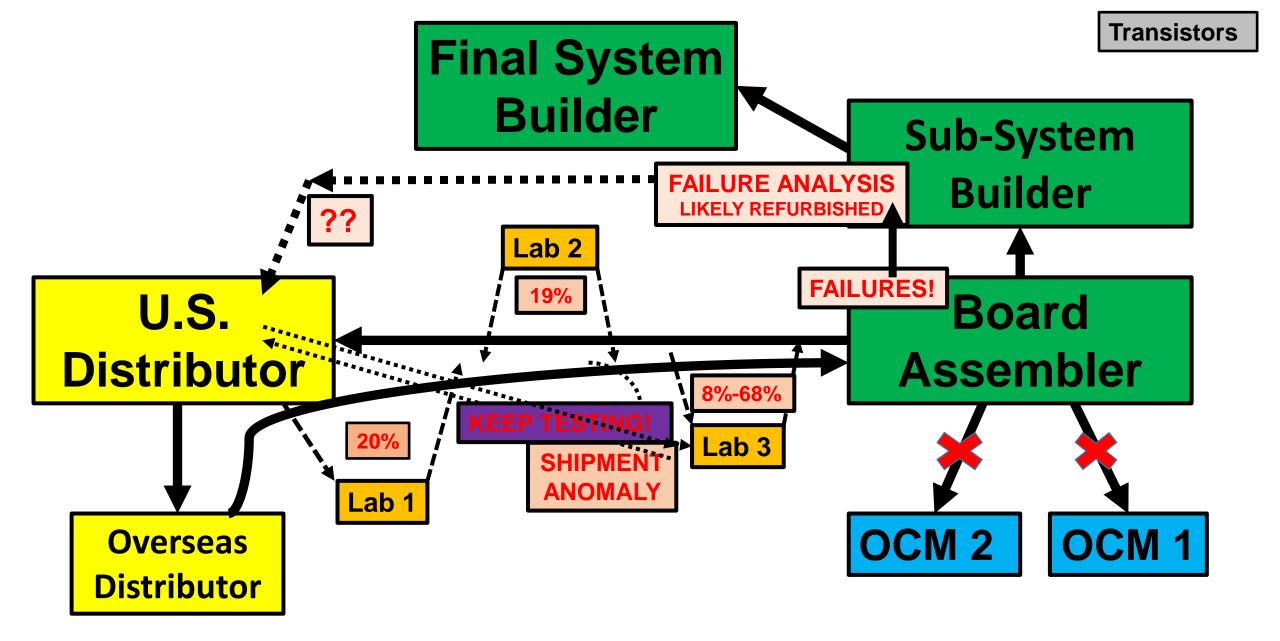


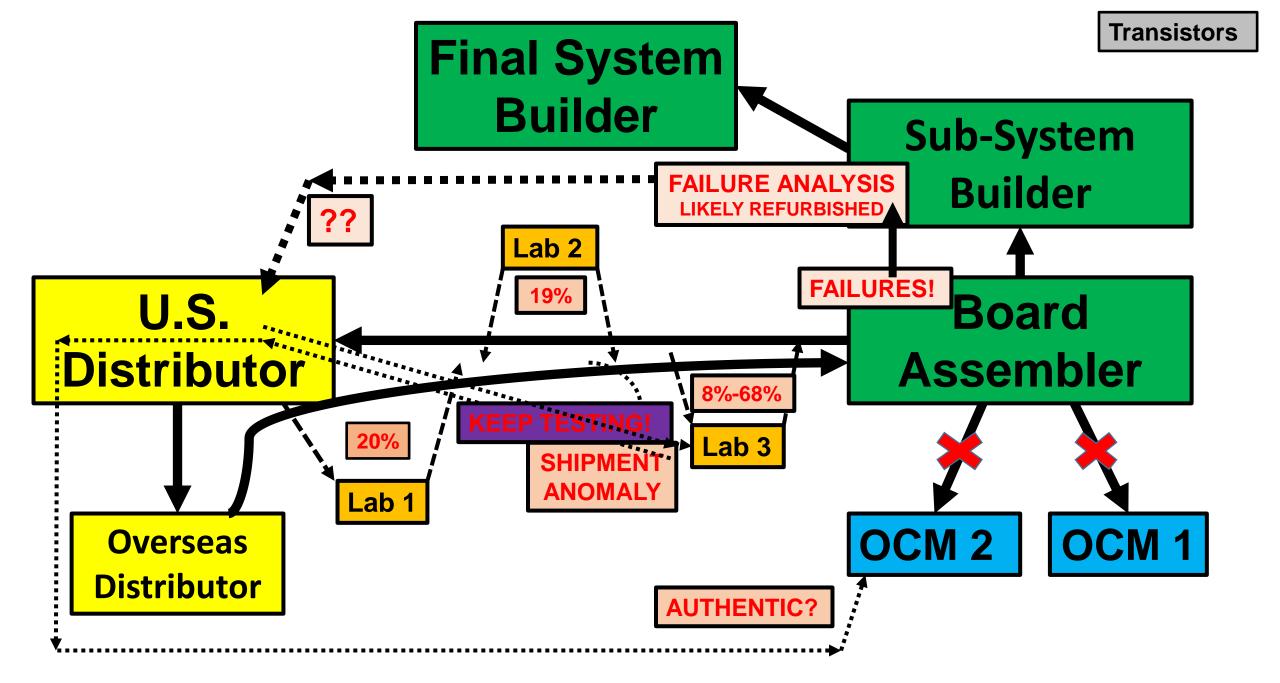
PRODUCT FOR GROUP A ELECTRICAL TESTING ARRIVED IN THIS BOX

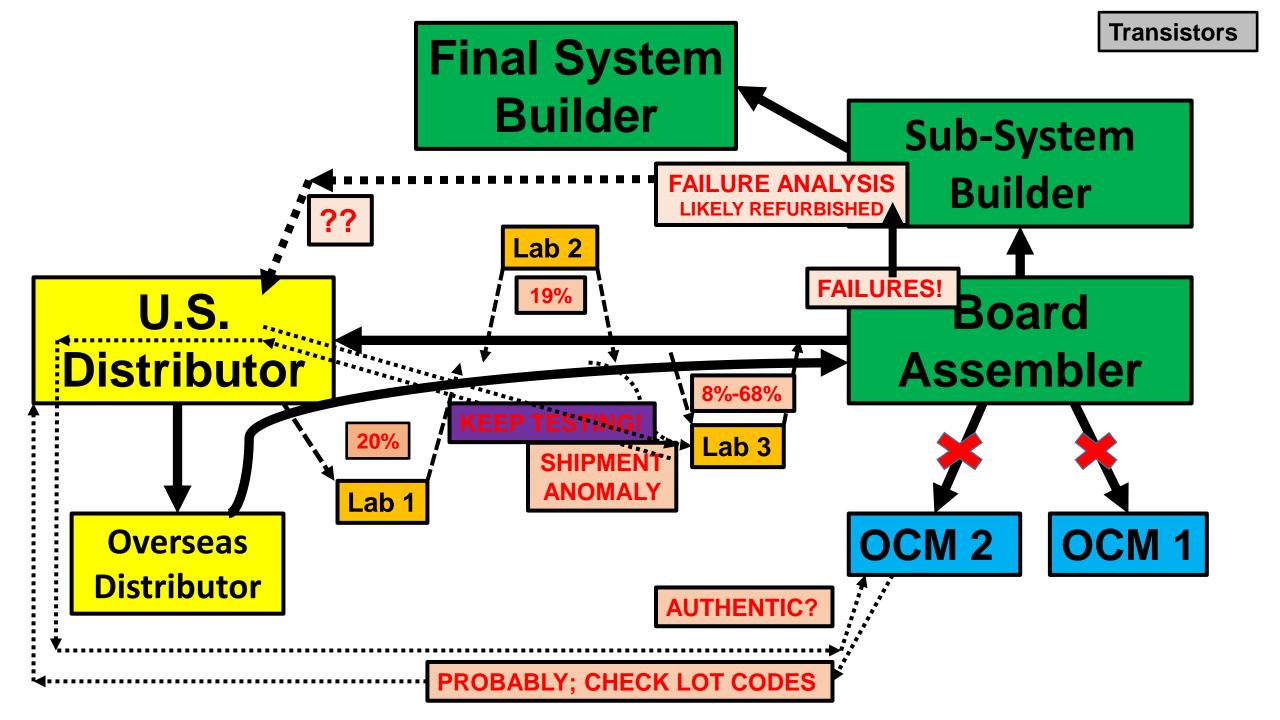
ANALOG

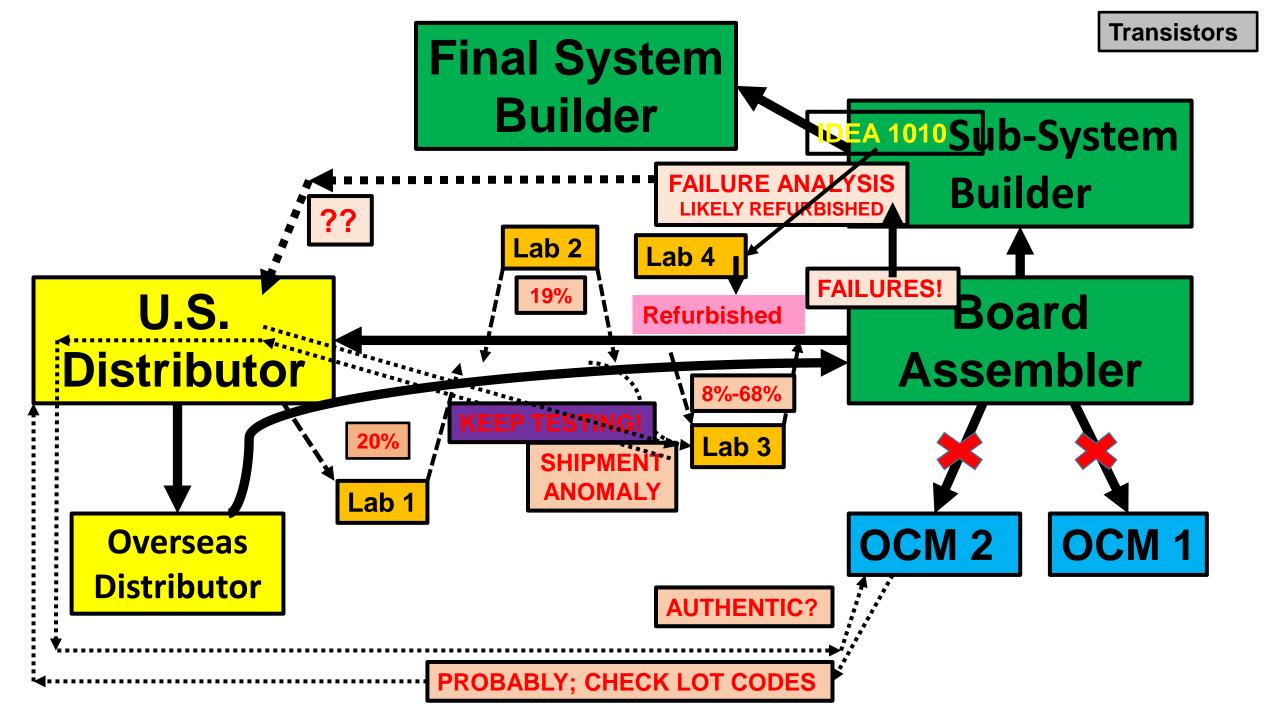
PRODUCT INSIDE THE BOX...

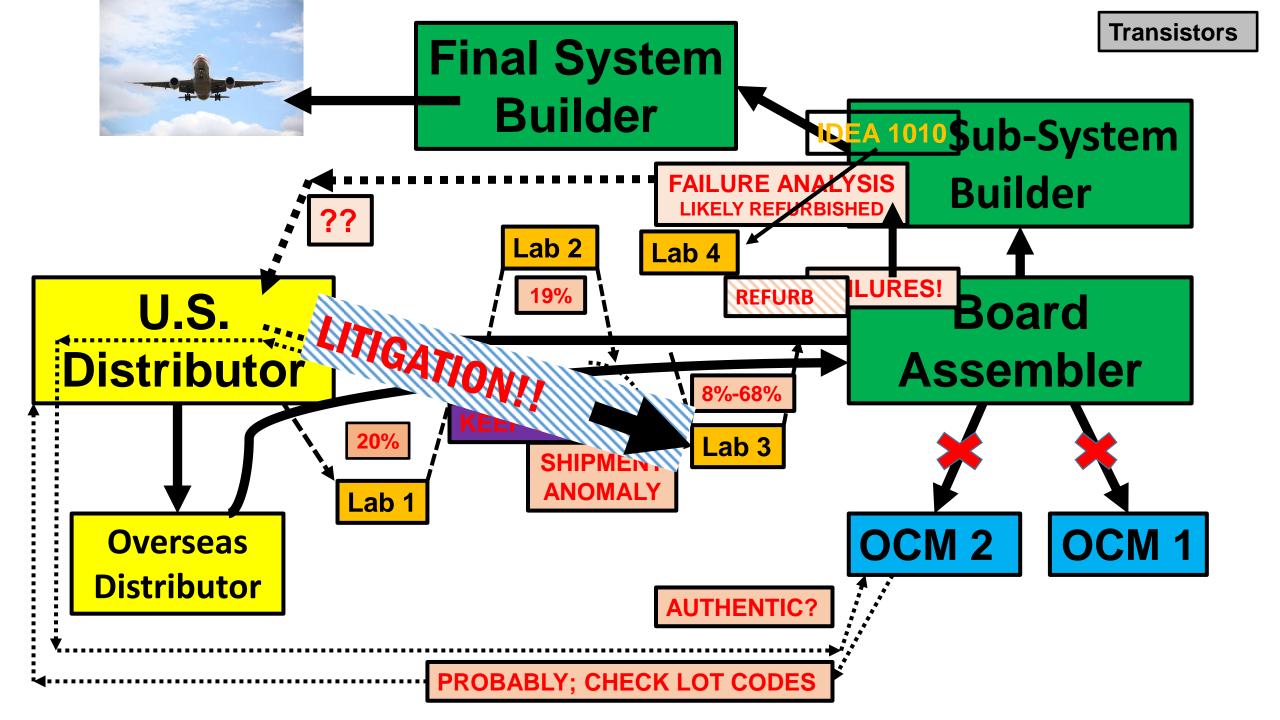






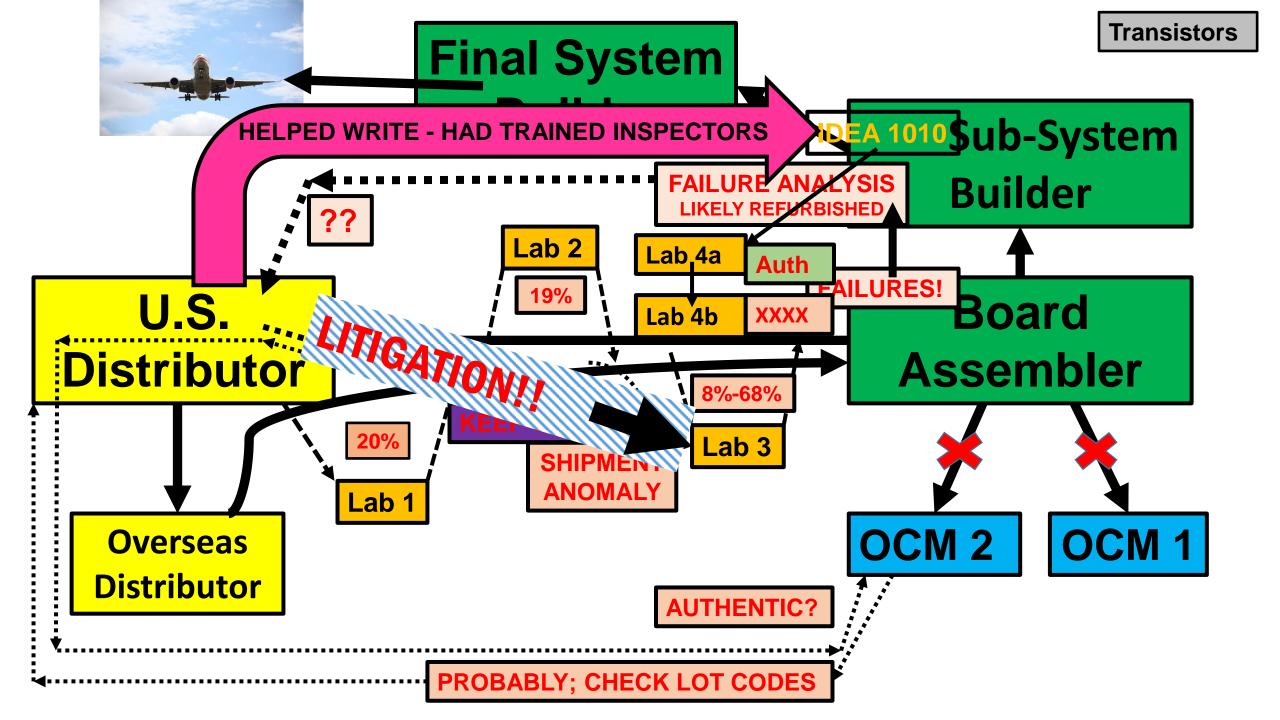






LITIGATION: DISTRIBUTOR v. LAB 3

- Distributor requested quote for Group A electrical testing.
- Lab provided quote solely for Group A electrical testing.
- Distributor provided purchase order specifying Group A electrical testing.
- Distributor sued Lab 3 for not conducting IDEA-Std-1010 inspection.
- No inspection for authenticity was part of request for quote, the quote provided, or the purchase order (a binding contract) issued.





There was no concern for quality in the relationship between the Distributor and the Board Assembler!

Goods sourced from China

- Product shipments with no paperwork
- Lab 1, 20% Group A electrical fail rate
- Lab 2, 19% Group A electrical fail rate
- Visual inspection failures: bent leads, oxidized leads, cracked glass
- Board failures, FA showed transistors re-furbished
- Lab 3, 8%-68% Group A electrical fail rate

IR goods in AD boxes

Disregard of PDA guidelines in Mil 19500



DISTRIBUTOR PROFIT

SYSTEM BUILDER SCHEDULE

(340%+ MARGIN)

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DON'T LET AVARICE OR SCHEDULE TRAP YOU INTO USING COUNTERFEIT DEVICES: DO DUE DILIGENCE

AVOID NON-AUTHORIZED DISTRIBUTORS GET OCM TRACEABILITY USE DMS RESOURCES RUTHLESSLY INSPECT: DOCUMENTS, CARTONS, DEVICES