

# Where is VPX Going – And Why?

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# Does everyone want interoperability?

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**Yes...**

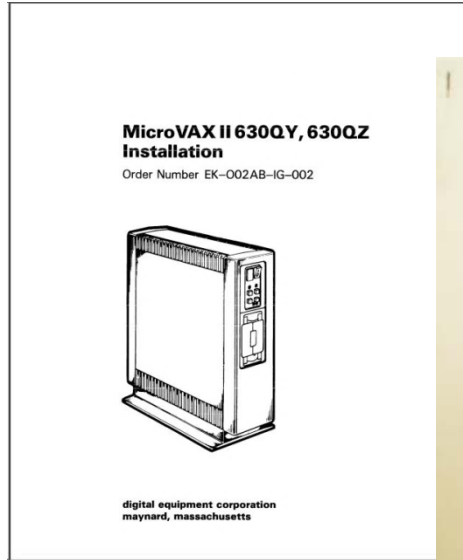


**...and No...**

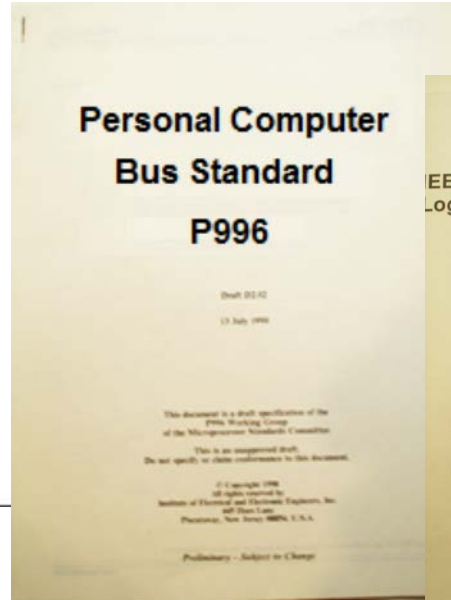


# Where did VPX come from?

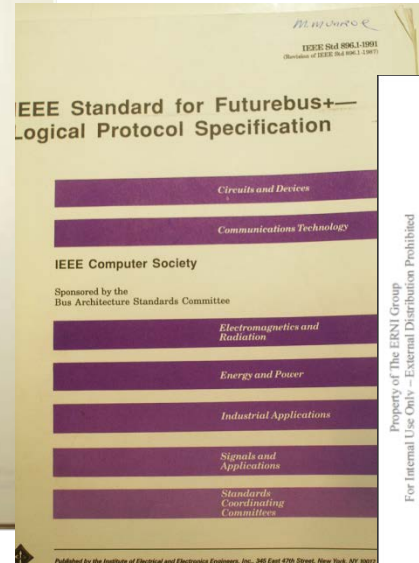
## From parallel



## ... to parallel



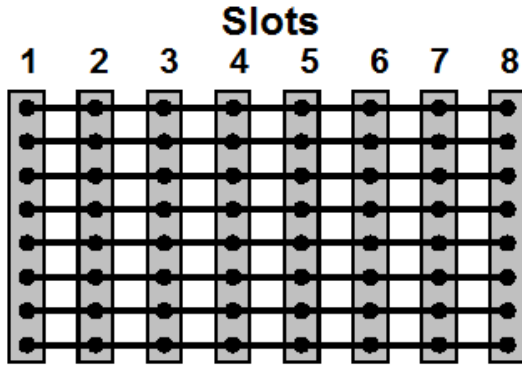
## ...to parallel



## ...to serial



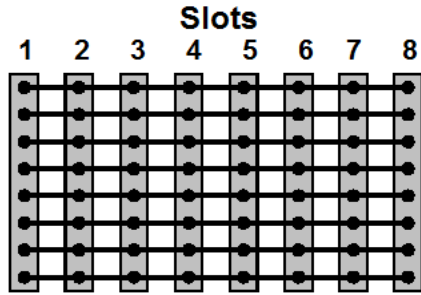
# VME was a parallel bus



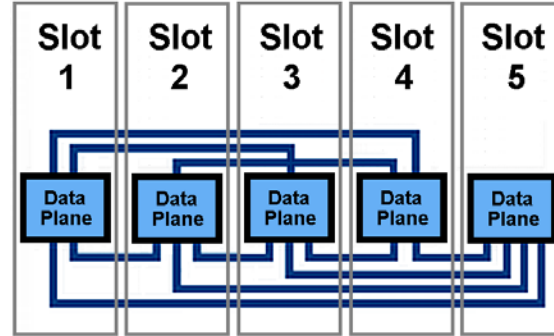
Parallel multi-drop



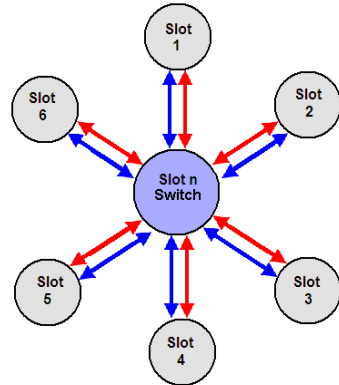
# How is VPX different?



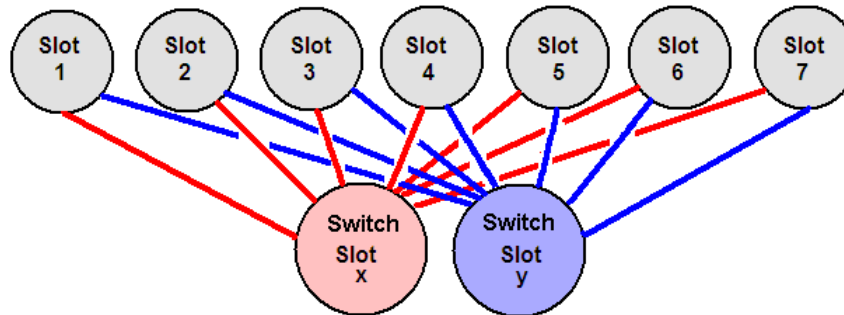
Parallel multi-drop



Mesh



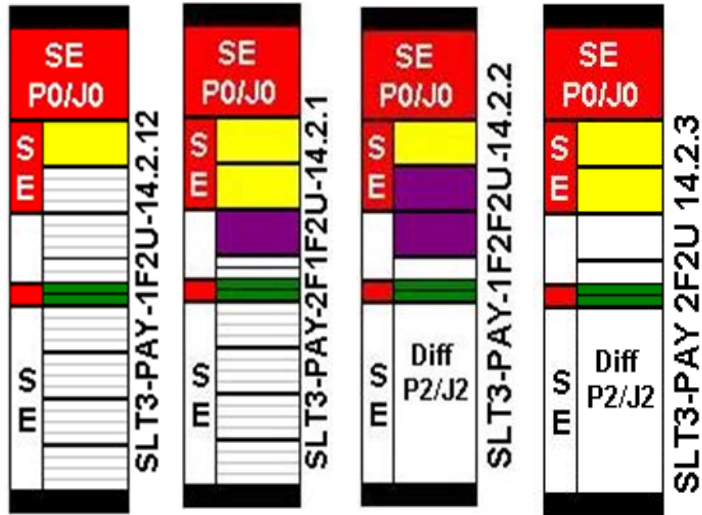
Single Star



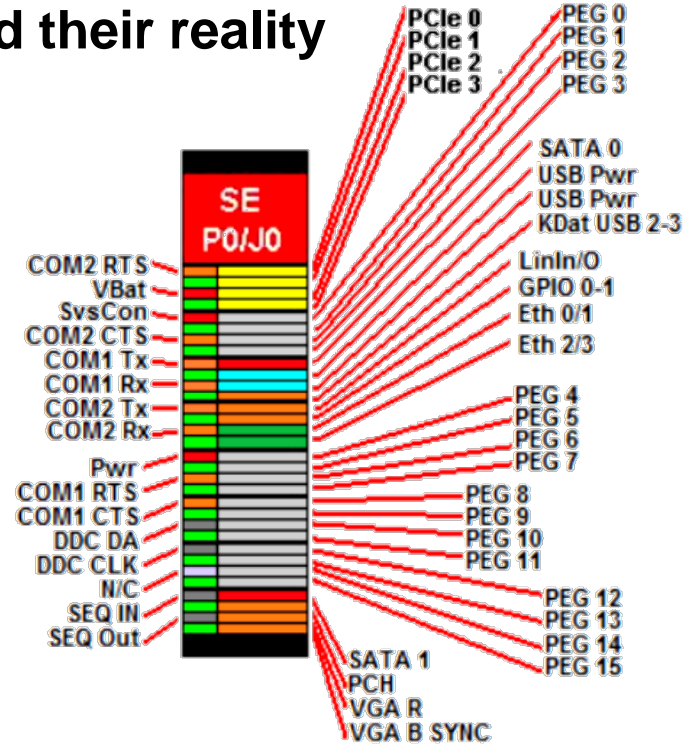
Dual Star

# VPX slot profiles looked similar but really weren't

## Defined Slot profiles...



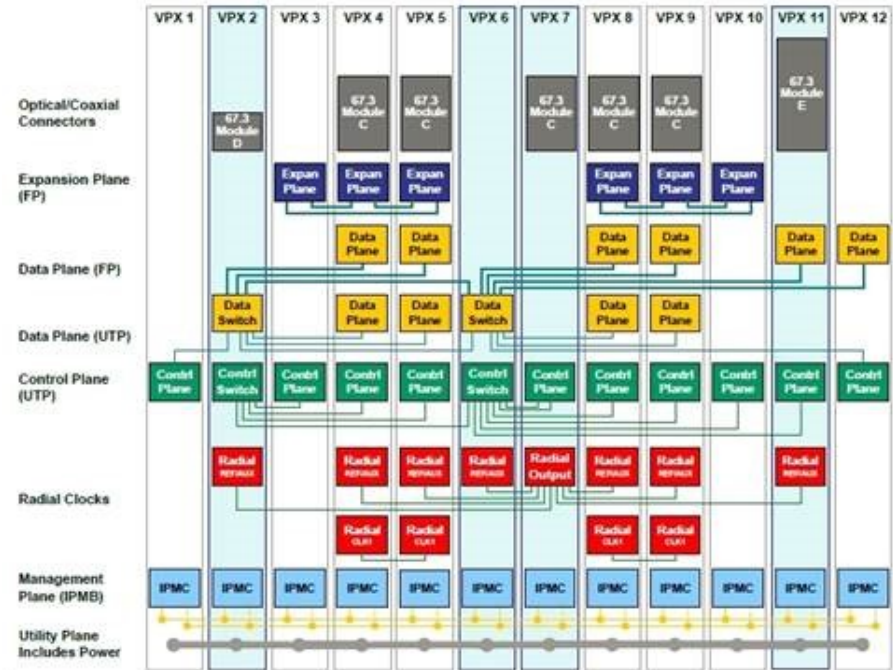
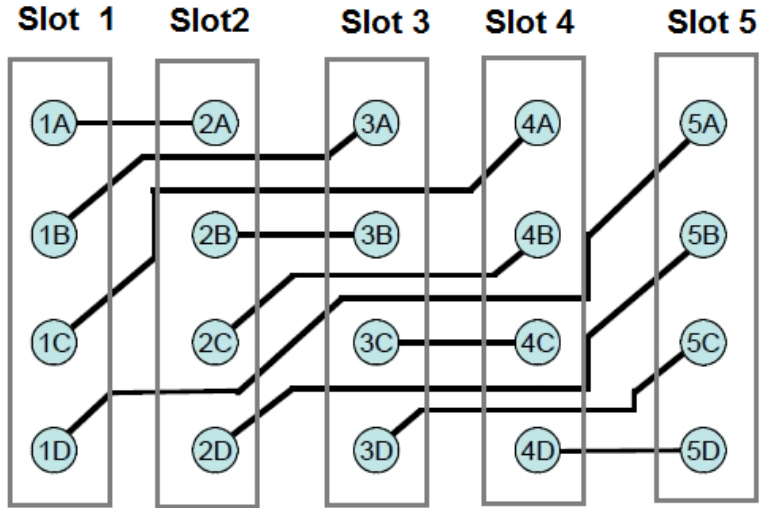
## ...and their reality





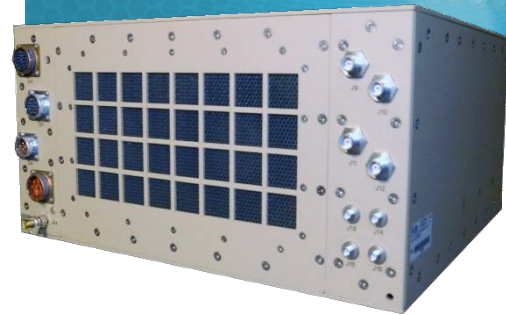
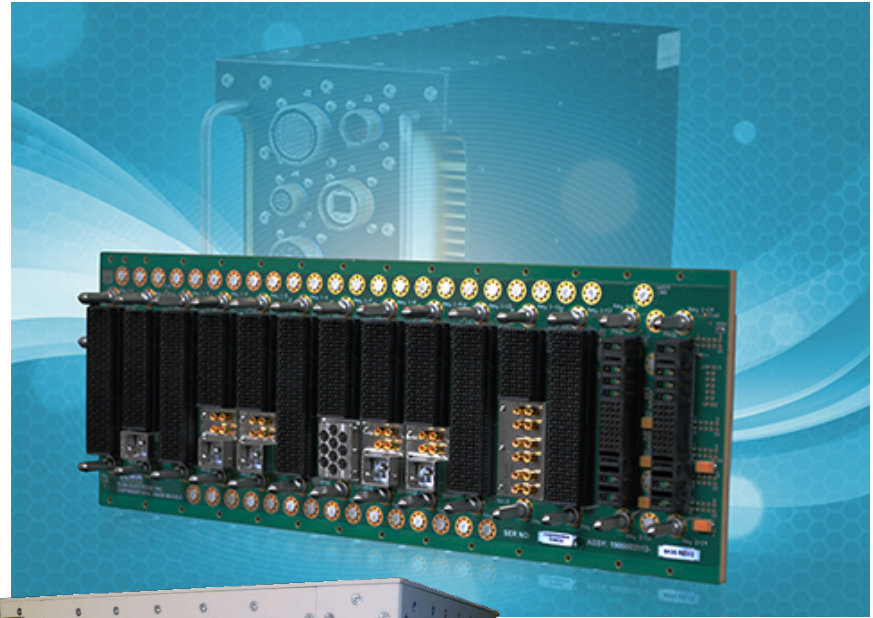
# How is VPX Changed?

VITA 46.0 started simply...



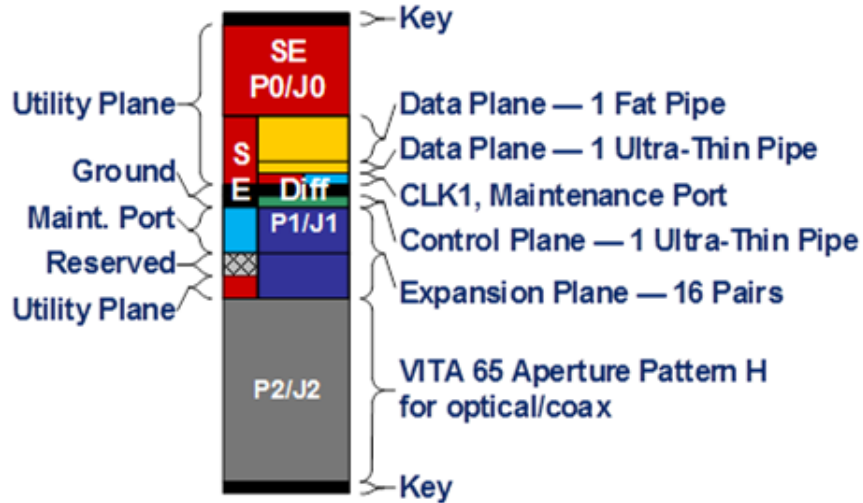
... VITA 65.0 became complex

# Customers wanted more compatibility

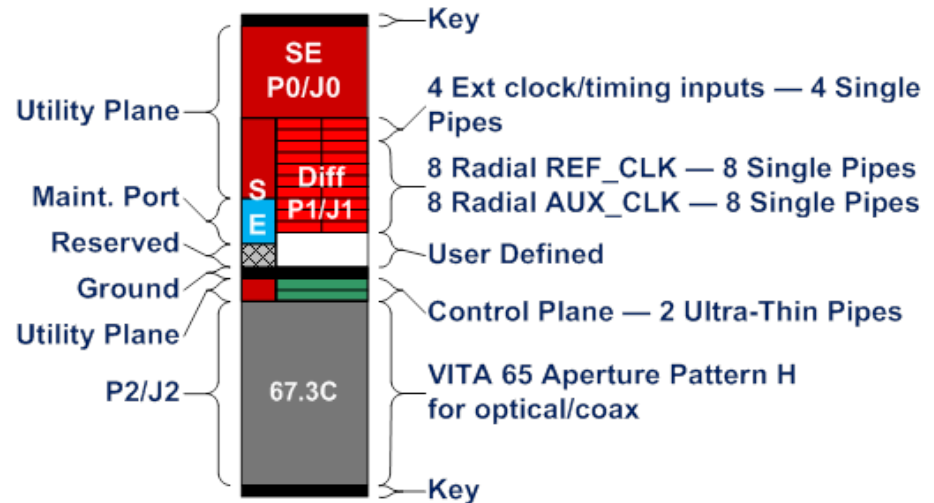




# New Slot Profiles in VITA 65.0-2017



14.6.11

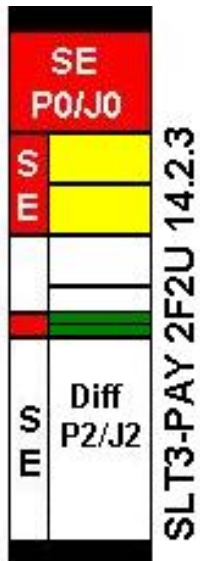


14.9.1

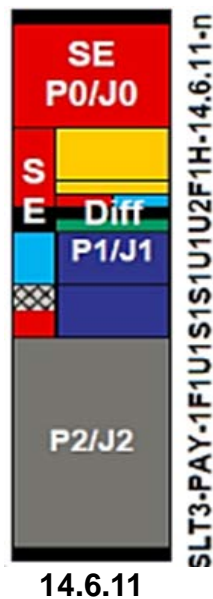
# The work continues

- The HOST and SOSA committees are working with the VSO:
  - Creating new fully defined slot profiles

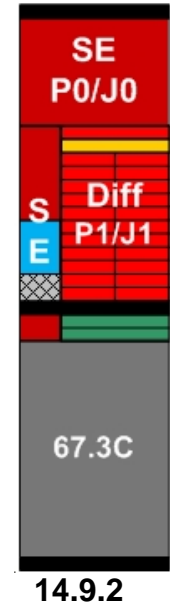
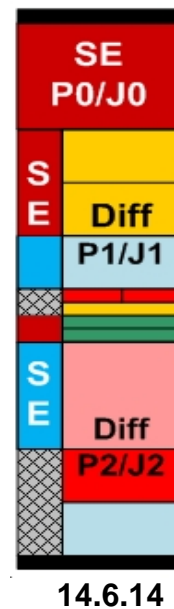
VITA 65-2010 2012



VITA 65.0-2017



VITA 65.0-2019 + HOST + SOSA



# Multiple users have come together

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**Questions?**

**Thank you for your time!**

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Austin, Texas