Expedition Xtreme

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November 2012

Mentor Graphics®

What is Expedition Xtreme

- Xtreme design technology allows multiple PCB designers to work on a single design simultaneously
  - It is not dependent on logical or physical partitioning
  - It links designers via local or global networks
  - It updates every designer in real time with team edits
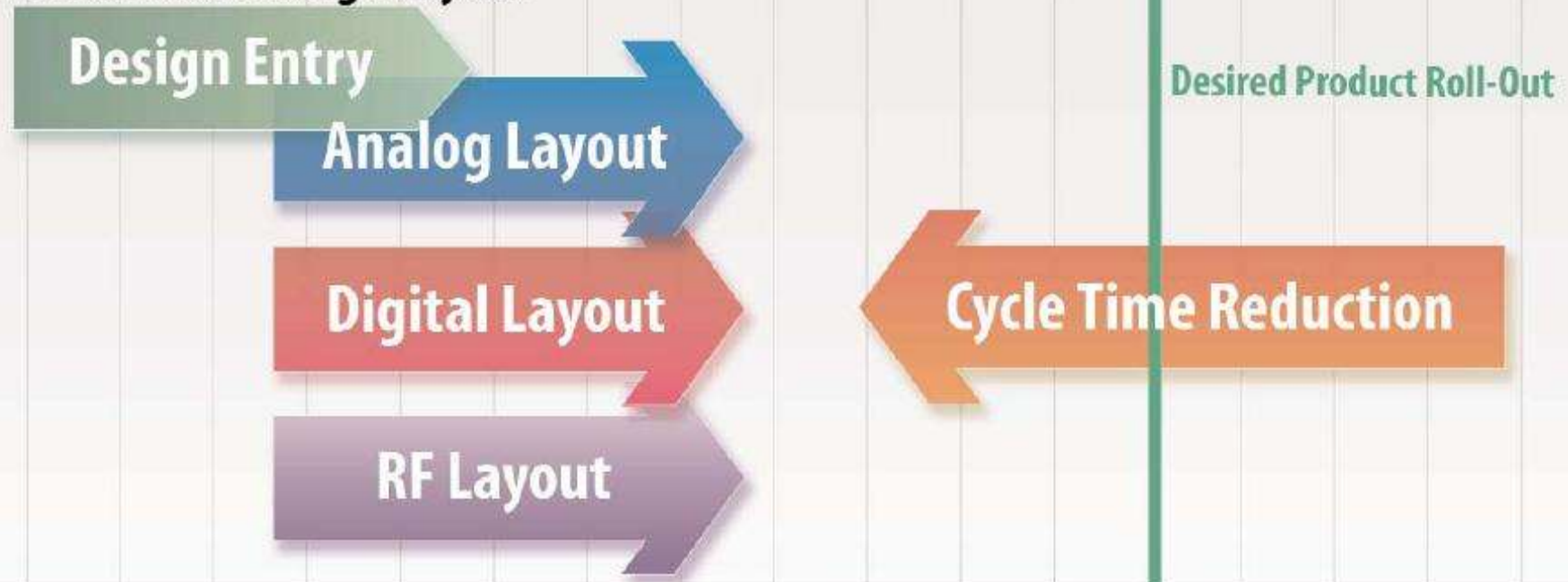
What is Expedition Xtreme

- XtremePCB reduces layout cycle times by 40-70% by enabling multiple CAD designers to do manual layout, documentation, and manufacturing prep simultaneously.

- XtremeAR distributes autorouting tasks across a network. With up to 15 CPUs cranking simultaneously, customers can complete designs in record time and reduce execution times by a factor of up to 10x.

- Both technologies are patented and work in LAN and WAN environments
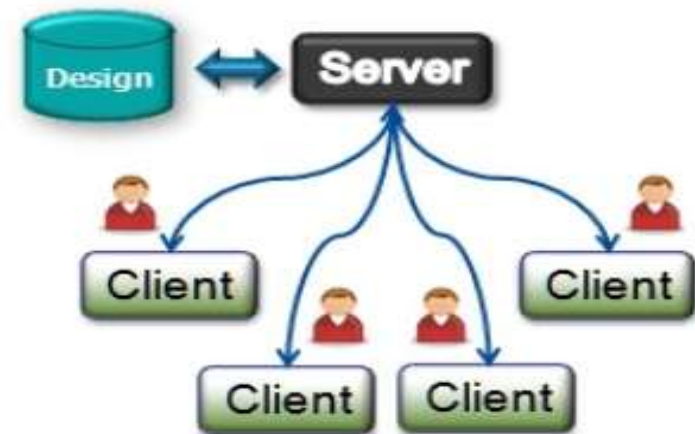
Traditional Serial Design Layout

Design Entry
Analog Layout
Digital Layout
RF Layout

Simultaneous Design Layout

Design Entry
Analog Layout
Digital Layout
RF Layout

Cycle Time Reduction

Desired Product Roll-Out

TIME

4

Benefits of Expedition Xtreme

- Concurrent team layout (XtremePCB)
  - Simultaneous, manual layout
  - Reduces design times in proportion to the number of designers working concurrently
  - Enables design tasks and pressures to be shared across the team

- Distributed auto-routing (XtremeAR)
  - Reduces design cycle times
  - Enables evaluation of multiple placement / routing scenarios

- Leverages idle software license

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