ALTIUMLIVE 2018:
Altium Designer 19
PCB Capabilities

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North America,
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AltiumLive 2018: Our Users Say…

- **8%** Only Have no Mechanical Constraints
- **83%** Rated Design Multi-Board Systems
- **85%** Are Responsible for Their Own Libraries
- **Rated 7 out of 10** The Importance of Library Management Functions
- **Rated 8 out of 10** The Importance of Routing Functions
- **Rated 9 out of 10** The Importance of Performance
AltiumLive 2018: Performance – Process of Continuous Improvement

BOM Report

- AD17:
  - Project 1: 2 min 19 sec
  - Project 2: 1 min 46 sec
  - Project 3: 29 sec
- AD18:
  - Project 1: 4 min 09 sec
  - Project 2: 41 sec
  - Project 3: 15 sec
- AD19:
  - Project 1: 3 min
  - Project 2: 22 sec
  - Project 3: 4 sec

Searching Speed

- Query = PIC16:
  - Vault Explorer: 49 sec
  - Part Search: 6 sec
- Query = 0805:
  - Vault Explorer: 40 sec
  - Part Search: 5 sec
AltiumLive 2018: AD19 Functional Development Areas...

- **High-Speed**
  - Z Calculation
  - Diff Pair enhancements

- **3D Multi-Board**
  - New 3D Kernel
  - Rigid-Flex Support

- **Routing**
  - Friendly Comp Move
  - Follow Mode
  - Stacked uVia
  - Pushed Trace Glossing

- **Library Management**
  - Faster Part Search
  - Unified Components Panel
  - Faceted Searching
Ben Jordan
Demo Time