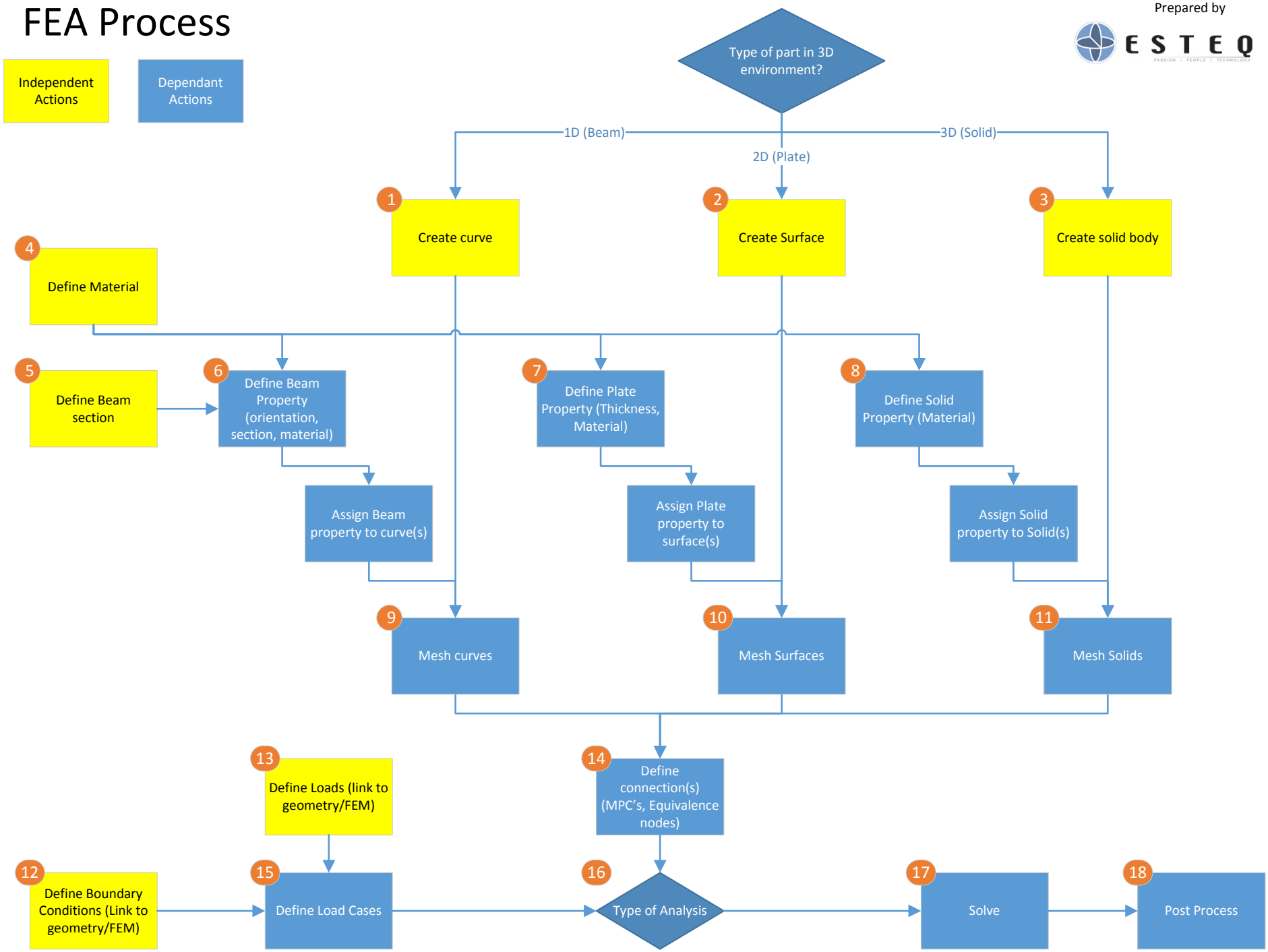
FEA Process

Prepared by



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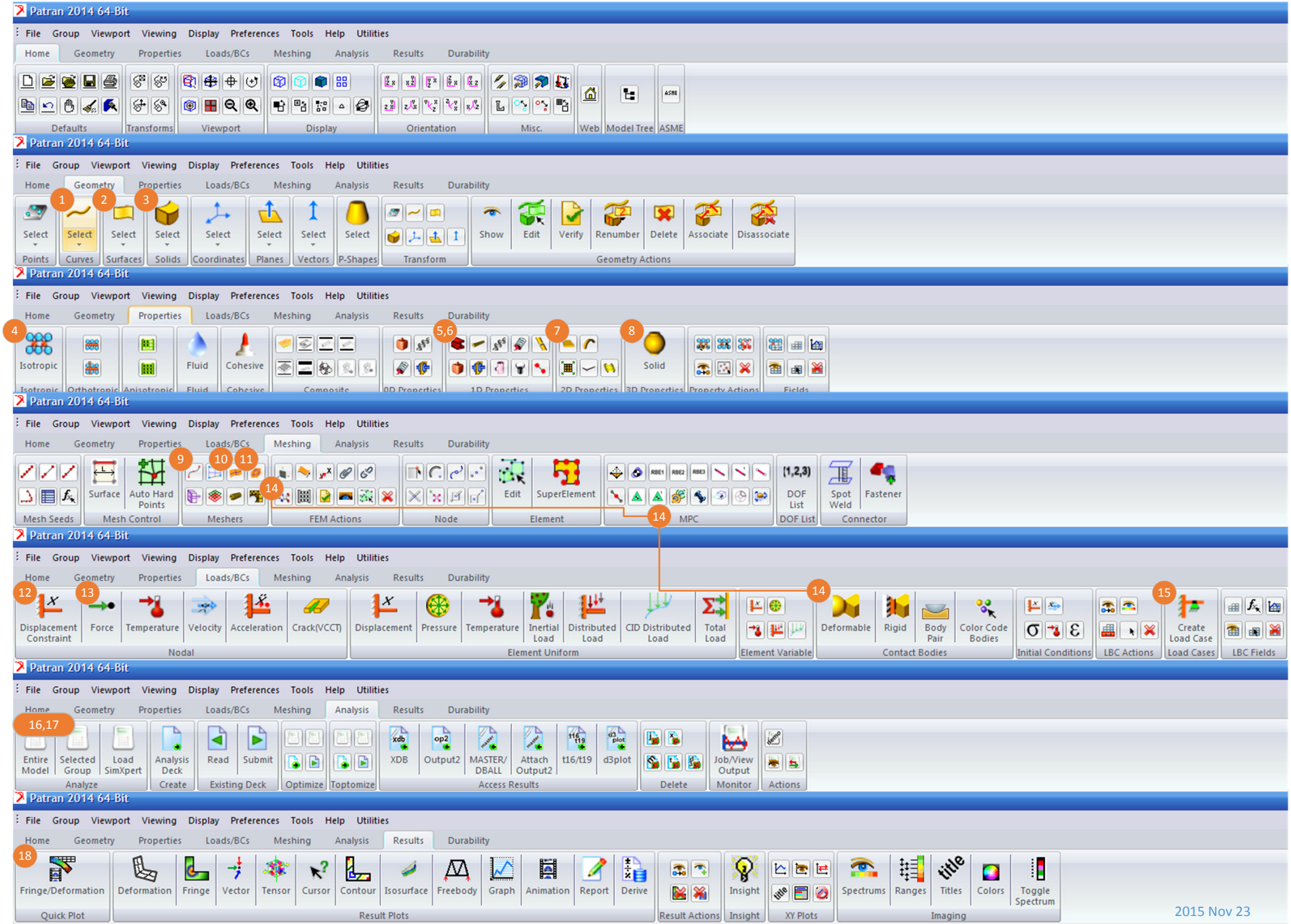
Patran 2014 64-Bit
File Group Viewport Viewing Display Preferences Tools Help Utilities
Home Geometry Properties Loads/BCs Meshing Analysis Results Durability
Defaults Transforms Viewport Display Orientation Misc. Web Model Tree ASME
1 2 3
Select Points Select Curves Select Surfaces Select Solids Select Coordinates Select Planes Select Vectors Select P-Shapes Transform Show Edit Verify Renumber Delete Associate Disassociate Geometry Actions
4 5,6 7 8
Isotropic Fluid Cohesive Solid
9 10 11 14
Surface Auto Hard Points Mesh Seeds Mesh Control Meshers FEM Actions Edit SuperElement Node Element MPC DOF List Spot Weld Fastener Connector
12 13 14 15
Displacement Constraint Force Temperature Velocity Acceleration Crack(VCCT) Nodal Displacement Pressure Temperature Inertial Load Distributed Load CID Distributed Load Total Load Element Uniform Element Variable Deformable Rigid Body Pair Color Code Bodies Contact Bodies Initial Conditions LBC Actions Create Load Case Load Cases LBC Fields
16,17
Entire Model Selected Group Load SimXpert Analyze Analysis Deck Create Read Submit Existing Deck Optimize Toptimize XDB Output2 MASTER/ DBALL Attach Output2 t16/t19 d3plot Access Results Delete Job/View Output Monitor Actions
18
Fringe/Deformation Quick Plot Deformation Fringe Vector Tensor Cursor Contour Isosurface Freebody Graph Animation Report Derive Result Plots Result Actions Insight XY Plots Spectrums Ranges Titles Colors Toggle Spectrum Imaging

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