## WHAT’S NEW IN SOLIDWORKS 2018: 3D CAD

### 1. INNOVATIVE NEW USER EXPERIENCE

- Freehand sketching with pen or touch on compatible devices
- Touch and stylus support for many design tasks
- Mirror in 3D sketches
- Enhanced Mouse gestures and user interface customization

**Benefits**
- Faster, more intuitive ways to interact with SOLIDWORKS®.

### 2. MORE POWERFUL SOLIDWORKS 3D INTERCONNECT

- Work with ACIS, STEP, and IGES and update changes when newer versions are received.
- Access more internal properties from 3D Interconnect supported files.

**Benefits**
- Work seamlessly with more file types and incorporate design changes dramatically faster.

### 3. CLOUD CONNECTED SOLIDWORKS

- SOLIDWORKS Online Licensing makes using your license on multiple machines effortless.
- SOLIDWORKS Login moves customized content and settings to any machine on which SOLIDWORKS is installed.
- SOLIDWORKS Admin Portal allows easier management of SOLIDWORKS products and services.

**Benefits**
- The power of desktop with the convenience of the cloud.

### 4. WORK DIRECTLY WITH MESH DATA

- Use mesh data like it is surface or solid geometry.
- Convert solid or surface geometry to mesh.
- Perform operations directly on mesh such as Cut, Cut with Surface, Interference Check, Combine, Intersect, Split, Move/Copy, and others.

**Benefits**
- Work directly with mesh data with no need to convert to surfaces.

### 5. SHEET METAL FEATURES THAT IMPROVE MANUFACTURABILITY

- Tab and slot feature for self-fixturing of parts for welding
- Normal cut feature ensures clearance included for manufacturing
- Corners that include three bends can be easily created and flattened.

**Benefits**
- Innovative new features improve sheet metal manufacturing processes.
Our 3DEXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE® Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 220,000 customers of all sizes in all industries in more than 140 countries. For more information, visit www.3ds.com.

See the full range of SOLIDWORKS software for design, simulation, technical communication, and data management at www.solidworks.com/products2018.