

## Automotive giant



### Business Challenges



Automate the wireframe/ surface to 3D conversion process and geometry quality compliance



Integration of the design systems to the centralized product data/ lifecycle management system



Establish PLM – ERP integration

Implemented Mateos for integrating -

- Design systems with PLM
- PLM and ERP



Provided:

- Auto-conversion tool with interactive steps
- DFQ integrated with enterprise business workflow process



### Our Solution



### Business Impact



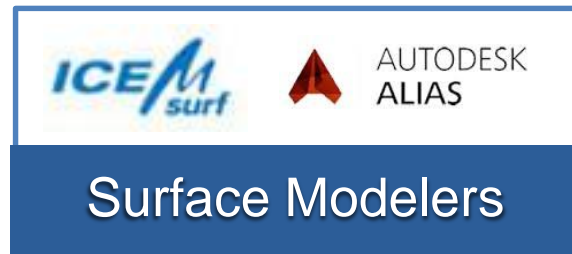
Increased productivity by –

- Reduction in non-value add activities – manual geometry corrections
- Features assisting in designer decision
- Data synchronization between systems

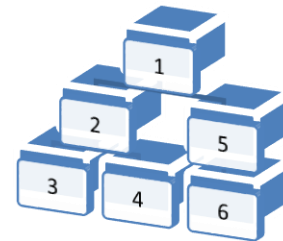


Increased employee & customer satisfaction due to –

- Maintaining a single source of truth for wireframe/ surface/ 3D files
- Business process automation – for DFQ and ERP
- User experience



1. Wireframe/ Surface Model File
2. Digital Mockup (Optional)
3. ASCII Protocol Results File
4. 3D Design BOM
5. Synchronized EBOM



Automation toolsets for:  
• Conversion of Wireframe/ Surface to 3D product structure

Automation toolsets for:  
• DFQ – robust quality compliance integrated with enterprise workflow process

- |                                      |  |
|--------------------------------------|--|
| B<br>E<br>N<br>E<br>F<br>I<br>T<br>S | Centralized design eco-system                              |
|                                      | Seamless assets collaboration with downstream applications |
|                                      | Increased productivity, data integrity and quality         |
|                                      | Reduced design timelines and operational costs             |

