

## HVAC CONTROL MODULE DESIGN AND DEVELOPMENT

### THE CHALLENGE

- // To reduce the size and weight with less than 50% adding enhanced features
- // Assembly without any tools & disassembly require special tool

### SOLUTION HIGHLIGHTS

- // Weight Reduction- 30% and Size reduction – 50%
- // Simple & elegant Design with minimum number of parts & assembly steps
- // Self aligning features enhancing ease of assembly without assembly tools, still can be removed only by authorised personnel using custom key
- // Modular design approach for expansion and use Various
  - Various mounting accessories
  - Different options for - Display Touch screen, Temperature control & Keypad

### SCOPE

- // Design & Develop HVAC Control for Trucks
- // ID, Detailed Design, FEA, Moldflow, Prototyping & Testing
- // Technical support for Tooling, Manufacturing & Troubleshooting