



a **YAGEO** company

**Polymer High Reliability**  
High Rel Solutions

KEMET/TOKIN Proprietary Information

# Polymer Technology





# Surface Mount

**T540/T541** Polymer HRA for High Reliability Applications

(DLA N° 04051 and N° 04052)

**T580/T581** MIL QPL

. PRF-32700/1 and /2





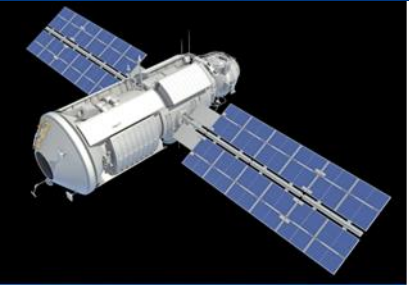
# Leaded

**T550** Axial Polymer Hermetic Seal (PHS) 105°C

(DLA N° 13030)

**T551** Axial Polymer Hermetic Seal (PHS) 125°C





# STACKS

**TSP** Series Tantalum Stack Polymer



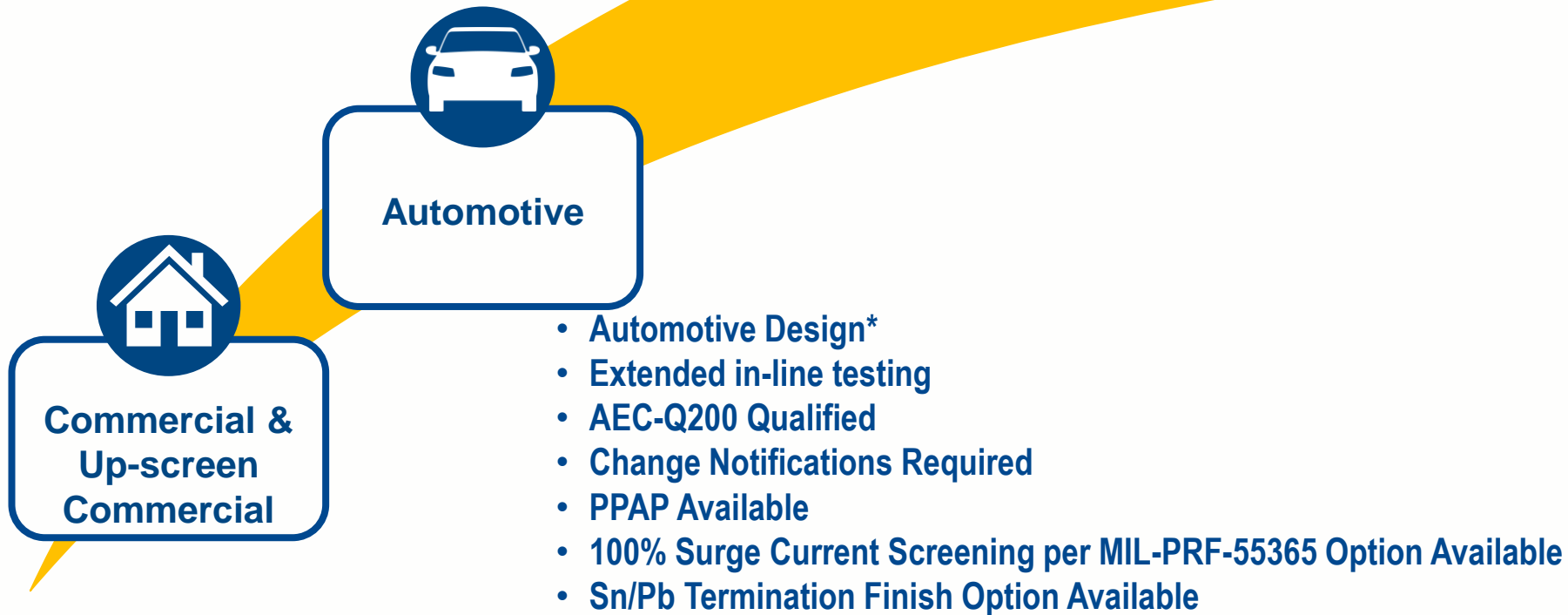
## Commercial



**Commercial &  
Up-screen  
Commercial**

- 100% Electrical Testing
- Non-Established Reliability
- Commercial & Continuous Design Improvement
- Broadest Product Selection
- High Volume Manufacturing
- Up-screen Commercial allows Surge Options

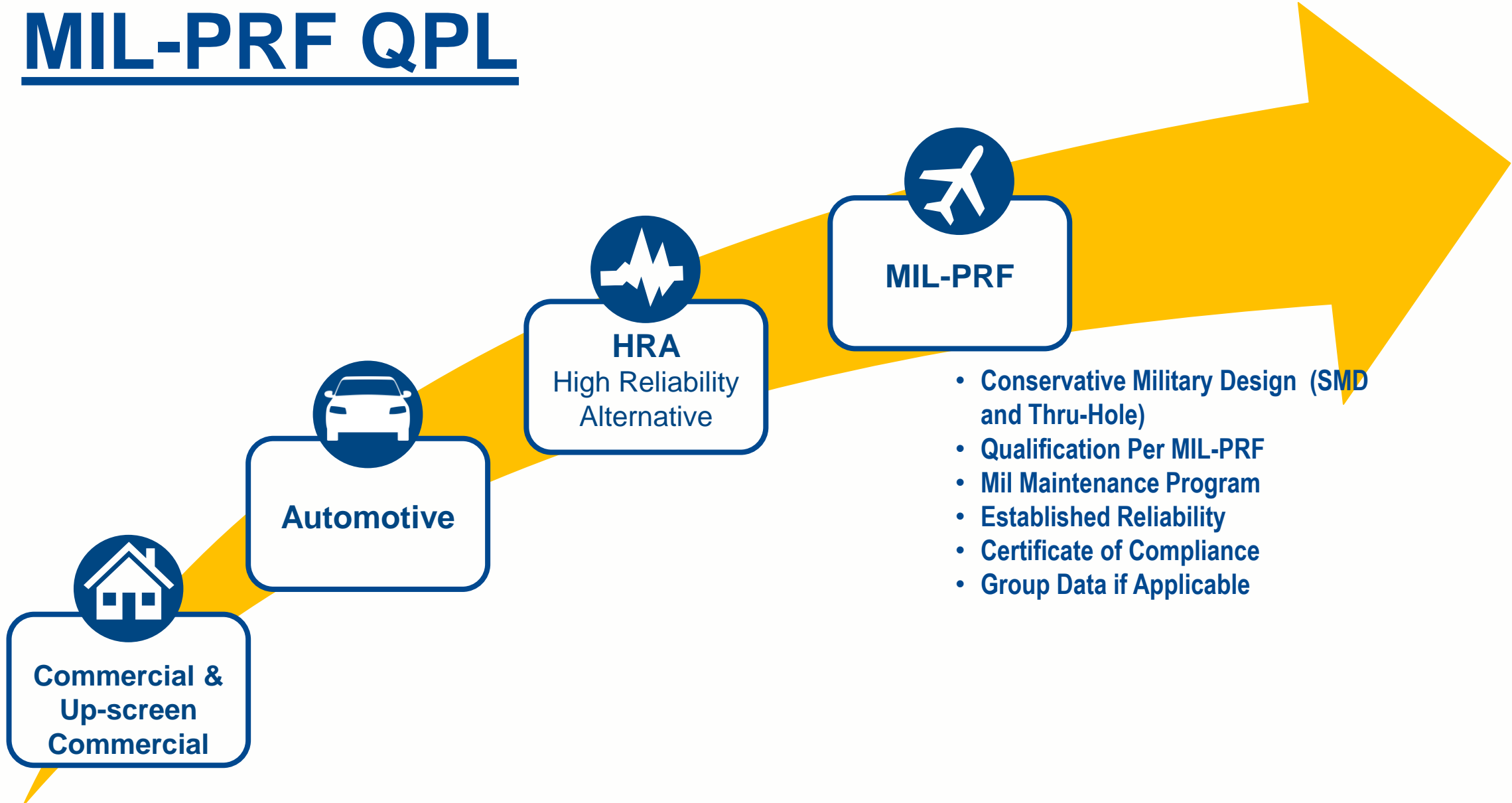
## Automotive



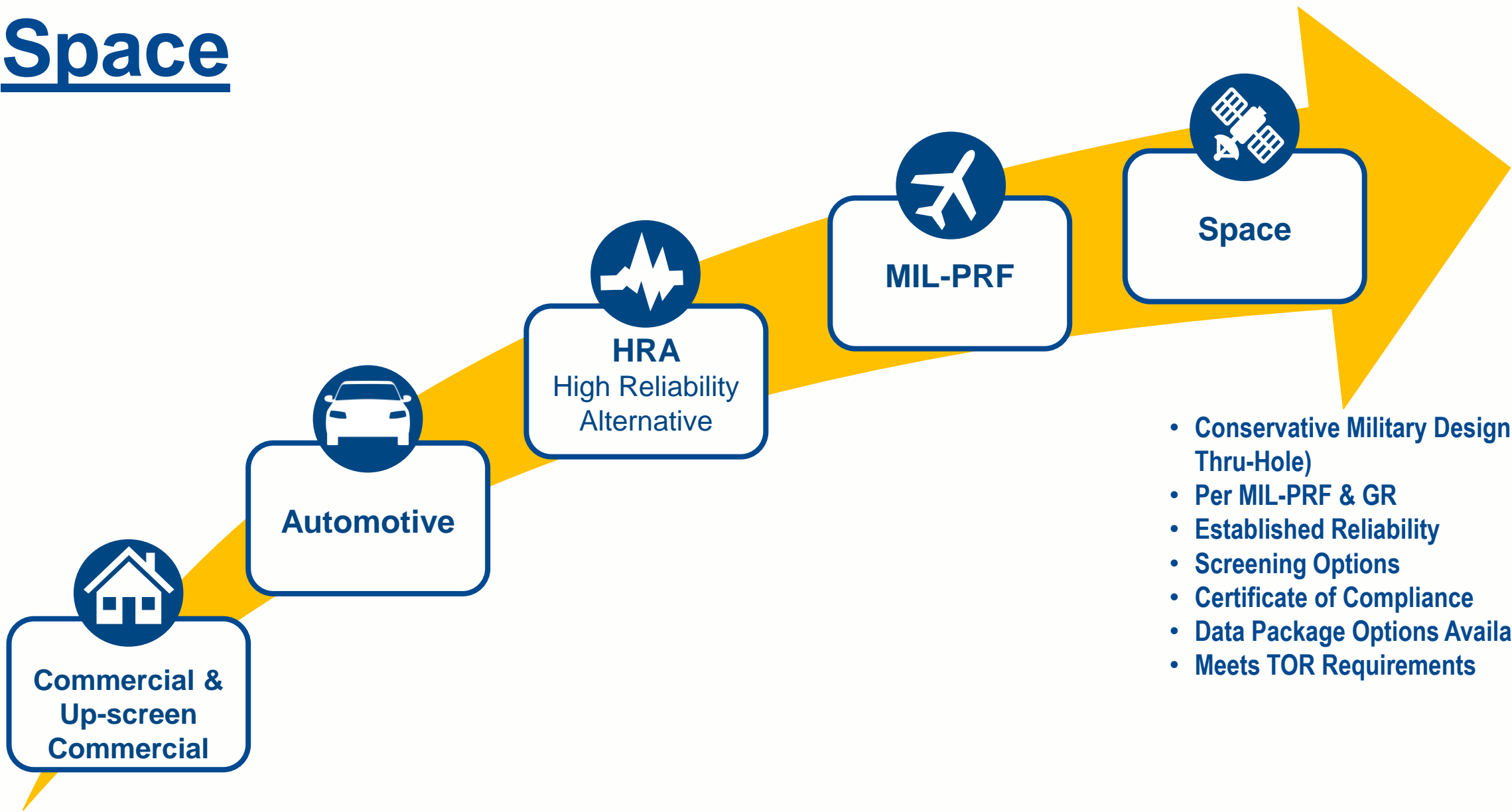
## HRA High Reliability Alternative



## MIL-PRF QPL

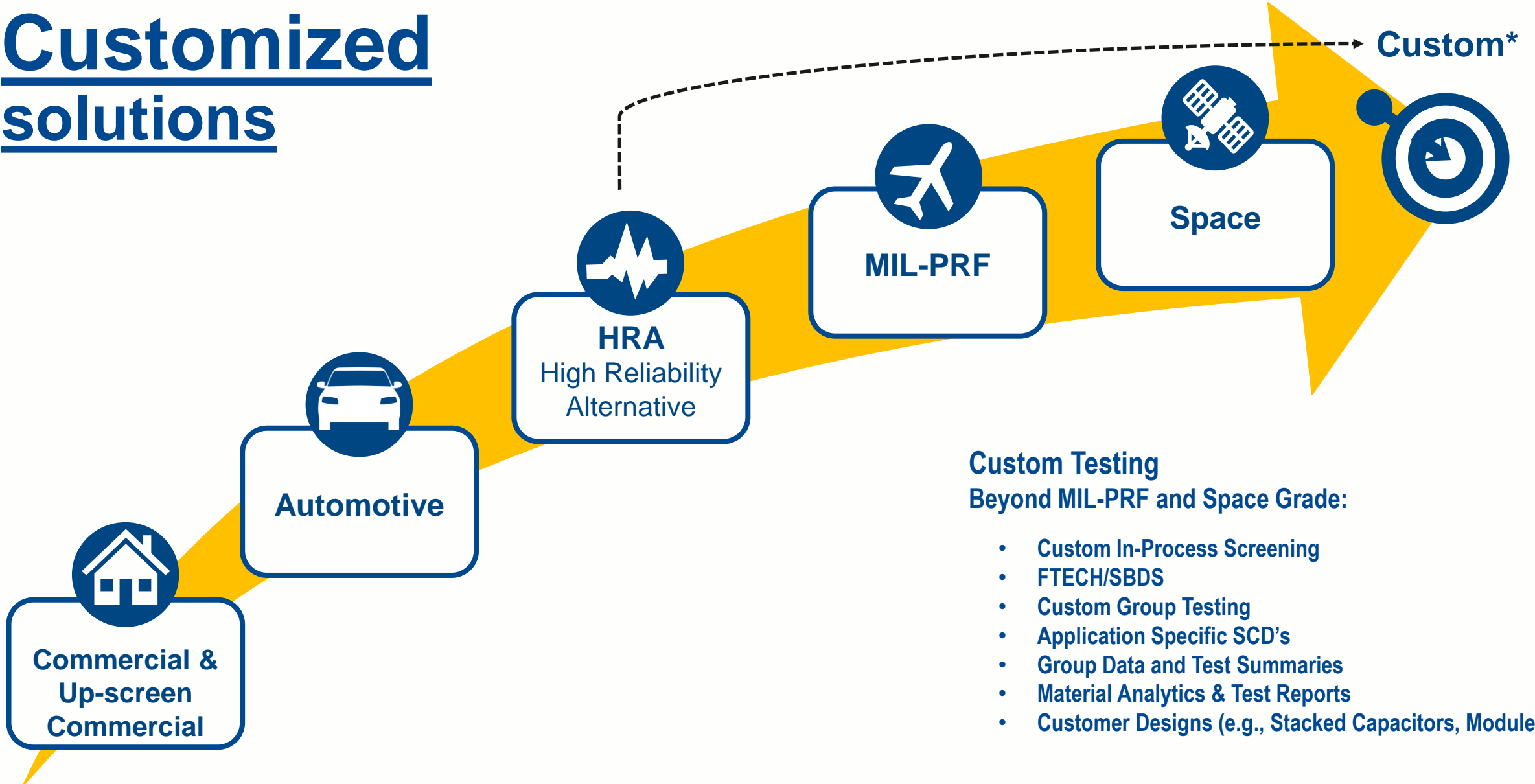


## Space



- Conservative Military Design (SMD & Thru-Hole)
- Per MIL-PRF & GR
- Established Reliability
- Screening Options
- Certificate of Compliance
- Data Package Options Available
- Meets TOR Requirements

## Customized solutions



### Custom Testing Beyond MIL-PRF and Space Grade:

- Custom In-Process Screening
- FTECH/SBDS
- Custom Group Testing
- Application Specific SCD's
- Group Data and Test Summaries
- Material Analytics & Test Reports
- Customer Designs (e.g., Stacked Capacitors, Modules)