

## Fresh ideas. Focused system solutions.

On-Target Technology Development is a team of forward-thinking systems designers, engineers, and scientists with a proven track record of creating better technology solutions, products, and platforms.

## Systems engineering with a difference.

Speed. Power. Agility. Control. Take your game to the next level with lean processes, best practices, an extensive skills base, and solid project management.

## A front-end focus that delivers bottom-line results.

By concentrating on the front-end of the engineering process, we eliminate 75% of the problems that typically arise in the design process. Problems that end up costing you time and money.

*"The best part of working with On Target is that I can hand them a systems engineering project and be sure it will be done completely and on time."*

*--An On Target Embedded Systems Customer*



## We specialize in:

- Systems and software engineering
- Embedded systems development
- Test and integration solutions
- Product planning and development
- R&D and technology partnering

## Our target applications and industries include:

- Aerospace and automotive real-time embedded control systems
- Power, motor, and actuator control systems
- Diagnostics, prognostics, built-in test
- Model-based training, simulation, and testing

Define. Design. Deliver.

Technology solutions that are on time and on the money.

On Target creates solutions for power control system applications in safety-critical domains using lean development and management processes.

## Leverage the power of proven systems engineering success.

### Key Processes

- IEEE 1220, 12207
- MIL-STD-498
- DOD-STD-2167A
- ARP 4761, ARP 4754
- DO-178B, DO-254
- SAE J1939, J1708, J1587
- EIA-731
- IEC60601, 61508
- MISRA
- CMMI

### Tools Expertise

- DOORS
- MatLab/Simulink
- MATRIXx
- Rational
- UML
- MS Project
- Rhapsody
- Clearcase
- LABVIEW
- Custom tools/processes

### Accelerate Front-End Engineering

- Model-based design and performance analysis
- Requirements analysis, allocation and traceability
- Product roadmaps and project planning
- Requirements validation early and often
- Reusable/extensive prototyping
- Adaptive product management
- Technology trade studies and rapid prototyping

### On Target Success Stories

- Power control system engineering
- Hybrid electric drive system
- Engine diagnostic/prognostic system
- Aircraft, flight and engine controls
- Sensor-based instrumentation application
- Automotive X-By-Wire
- Generator and motor controls

### Aim Higher with On Target

- Embedded systems engineering domain expertise and proven success
- Front-end engineering for leaner development
- Life-cycle development of safety-critical systems and software
- System integration across multiple vehicle platforms

**An agile, dependable source for  
embedded systems engineering.**



Contact us today for more information.

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