

## Capability Statement

Providing mission support to top U.S. Defense companies, we bring pre-eminent engineering services to the toughest mission set before you. Ascent was founded in 2004 to serve your engineering needs. **"You and your team have been a terrific asset to the program. I appreciate the high quality support and expertise your folks bring."** Pete Robin- Program Manager - Lockheed Martin GPS III Contingency Operations (COps)

### Company Snapshot

POC: Liz Carreon l.carreon@ascent-ti.com  
(719)559-3897 or (301)455-1751

DUNS #143365133 FCL—Secret with TS personnel  
Cage Code 3TSW3 GSA Schedule #47QTCA20D004C

### NAICS Codes

541511 primary 541512 541330 541519 541990 517919 517410

### Past Team Performance

WIN-T \* OCX \* GPS II\* GCS \* Iridium NEXT

P-8A Poseidon Trainer \* Computer Network Defense

### Current Team Performance

GPSIII \*GCSII \* MCEU \*JUPITER \* Resource Support

## Ascent Experience

**TESTING:** Ascent leads, creates & executes formal test plans and procedures; supports FQT (Formal Qualification Test) efforts; Leads formal test efforts; Conducts formal reviews; Execute procedure in formal sell offs.



Ascent wrote software to control the ground antenna that interfaces with the satellite

**INTEGRATION:** Ascent joins software & hardware systems together, creating integration tools to verify TT&C, Navigation Payload data, message traffic to external agencies. Organize live connections.



Ascent integrated control segment software for Tracking Telemetry and Command (TT&C), navigation/payload software, & many other software components with GPS satellite hardware.

**SOFTWARE:** Ascent follows the complete SDLC; writing software for interfaces; working with development teams; error corrections; writing tech orders.



Ascent developed ground antenna and database software for various programs, including GPS.

## Core Competencies

### DoD-STD-2167A/ MIL-STD-498

#### Systems Engineering

Studies, Analysis, Evaluations \* Requirements Management  
Design Assessment \* Agile and Waterfall Methodologies

#### Systems Integration

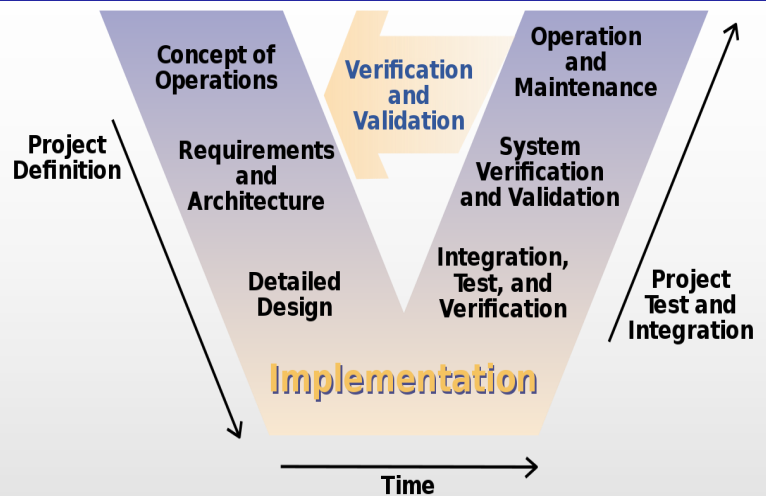
Interoperability Assessment \* Integration Test Approaches  
Interoperability Solution Strategies

#### Operation Support

Technical Order Development \* Tech Order Support Scripts

#### Formal Test

Test Case Design and Development \* Formal Test Planning  
Test Execution \* Requirements Traceability



## Working Relationships

**Lockheed Martin—** Ascent has provided satellite systems testing & integration, software development & database support

**Raytheon—** Ascent provided systems engineering support for OCX external interfaces

**Northrop Grumman—** GBSD (Ground Based Strategic Defense) Team member

**Leidos—Solidyn Solutions—Boeing—L3Harris**

**"Always professional, supporting customer needs; superior technical knowledge of the GPS system. I'd be happy to work with your employees on every test."** Jerry Gill, AFOTEC

**"Unmatched technical support during planning and execution. We would have been very hard pressed to succeed without Ascent's seemingly unlimited knowledge of the GPS control system and user interface. Ascent's service reflects great credit upon Lockheed Martin, the Space and Missile Systems Center, and the United States Space Force."** Joe Dixon, Capt., USAF