

The background of the slide is a deep space scene. It features a dark blue and black void filled with numerous stars of varying brightness. Several prominent spiral and elliptical galaxies are visible, their colors ranging from light blue to purple. In the lower right corner, a large, reddish-brown planet, likely Mars, is partially visible, showing its characteristic surface features. The overall lighting is soft, highlighting the textures of the galaxies and the planet's surface.

**NASA/MARSHALL SPACE FLIGHT
CENTER**

JOINT COUNSELING SESSION

**Maximum Technology Corporation
June 14, 2018**

Background

COMPANY NAME:	Maximum Technology Corporation (MTC)	ADDRESS:	4092 South Memorial Parkway SW Huntsville AL 35802
OWNER:	Mickey Crutcher	CONTACT NAME:	Carol Holland
EMAIL:	cholland@maxtc.com	YEARS IN BUSINESS:	22 years
CAGE CODE:	08WA1	DUNS NUMBER:	964899439
WEB SITE:	www.maxtc.com	NAICS CODES:	518210 (Primary), 541330, 541511, 541512, 541513, 541519, 541620, 541690, 541710, 541711

Business Size & Classifications

TOTAL EMPLOYEES:	25 Full-time, 10 Part-time/Interns
AVERAGE SALES:	\$1.8 M

CLASSIFICATIONS (select from list below):	Yes/No
SMALL BUSINESS	Yes
SMALL DISADVANTAGED BUSINESS	Yes
NATIVE AMERICAN-OWNED	No
ALASKAN NATIVE CORPORATION	No
WOMEN OWNED	No
ECONOMICALLY DISADVANTAGED WOMEN OWNED	No
VETERAN-OWNED	No
SERVICE DISABLED VETERAN OWNED	No
HUBZONE CERTIFIED	Yes
8(A) CERTIFIED	No
8(A) EXPIRATION DATE (if applicable)	2006

Quality Systems

- Automated test and reporting of new and existing functionality
- Test suites supporting continuous integration (daily, weekly, monthly)
- Static analysis of code prior to integration to ensure proper documentation and standards
- Automatic generation of “Help” files to ensure proper training and usage
- V&V of test data compared to tactical system (real-world) output
- Software releases managed and controlled using SVN repository
- Configuration management using web-based tracking system, monthly configuration control board and bi-weekly stakeholder meetings
- Extensive job-specific training ensures operators/analysts sufficiently trained for positions and minimizes errors
- Documented processes & procedures reviewed prior to every test event for configuration changes
- Agile development procedures coupled with configuration management promote stability and usefulness of code

Skills & Processes

- **Systems Engineering**

- Target and trajectory analysis
- Scenario analysis
- Mission profile assessment
- System performance analysis
- Verification and validation (M&S, tools, tactical software, data products)
- Big data analytics

- **Software Engineering**

- Data processing tools evaluation and update to support specific test events
- New tool development as required by engineers/analysts
- Database development and maintenance

Skills & Processes (Cont.)

- **Tactical Radar Operations**
 - Tactical radar site deployment
 - Generation of site procedures
 - Performance of site runs
 - Risk analysis and mitigation plans
- **Classified Lab Set-up & Maintenance**
 - Lab design and implementation
 - Documentation of required security procedures
 - Software/hardware maintenance
 - Data archival
- **Configuration Management**
 - Tactical and test lab software tools
 - Tactical and test lab hardware set-up

Skills & Processes (Cont.)

- Test Execution
 - System operator supporting test events
 - Test run data processing
 - Test run analysis
 - Data set generation for formal data deliveries
 - Quick-look package generation
- Documentation Support
 - Informal/Formal Review Support
 - Status briefings
 - Analysis findings briefings
 - Interim and final review support

Customers

- Raytheon Integrated Defense Systems (IDS) Company supporting Missile Defense Agency's Radar Test contract
- Raytheon Intelligence, Information, and Services (IIS) Company supporting US AMCOM Systems, Simulation, Software & Integration (S3I) Strategic Systems Engineering Services contract
- On Par Productions supporting Centers for Disease Control and Prevention Logistics for the Advisory Committee on Immunization Practices (ACIP) Meetings contract

Principle Point(s) of Contact

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Carol Holland	Technical Director	(256) 656-4146	cholland@maxtc.com
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