

The background of the slide is a deep space scene. It features a dark blue and black sky filled with numerous stars of varying colors and sizes. A prominent feature is a bright, glowing nebula or star cluster in the upper left quadrant. On the right side, a large, reddish-brown planet, likely Mars, is partially visible, showing its textured surface. In the center, a smaller, pale, hazy planet or moon is visible. The overall atmosphere is that of a vast, starry universe.

**NASA/MARSHALL SPACE  
FLIGHT CENTER**

**JOINT COUNSELING SESSION  
FERMAT SOFTWARE LLC**

**March 2, 2021**

# Background

<b>COMPANY NAME:</b>	FERMAT SOFTWARE LLC	<b>ADDRESS:</b>	9800 N LAMAR BLVD STE 319 AUSTIN, TX 78753
<b>OWNER:</b>	MAHVISH QURESHI	<b>CONTACT NAME:</b>	KHURRAM QURESHI
<b>EMAIL:</b>	KHURRAM@FERMATSOFTWARE.COM	<b>YEARS IN BUSINESS:</b>	6
<b>CAGE CODE:</b>	7GW14	<b>DUNS NUMBER:</b>	080008883
<b>WEB SITE:</b>	HTTP://WWW.FERMATSOFTWARE.COM	<b>NAICS CODES:</b>	541511, 541512, 541519

**CERTIFICATIONS (e.g., ISO 9001, AS 9100, etc.): ISO 9001 IN PROCESS**

# Business Size & Classifications

<b>EMPLOYEES (range):</b>	<b>10-50</b>
<b>AVERAGE SALES (range):</b>	<b>\$1-8M</b>

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

\*Based around NAICS 541XXX



# Primary Capabilities

- Agile
- Custom Software Development
  - All major programming languages
  - Enterprise/Cloud
  - Desktop
  - Real-time embedded/IoT
- Cybersecurity NIST/CMMC compliance
- Machine Learning/AI



# Current and Recent Contracts/Performance ( < 5 years )

- **Silicon Labs**
  - Java-based tools for IoT
  - 2015 – 2020
  - \$5M
- **Carnegie Technologies**
  - Wireless ARM software
  - 2017 – 2019
  - \$3.5M
- **Raytheon**
  - Space and Science Division device driver development
  - 2019
  - \$70k
- **Ascendant Engineering**
  - NIST 800-171 assessment
  - 2017 – 2018
  - \$80k
- **Cerebri AI**
  - Machine learning
  - 2020
  - \$150k
- **Magic Leap**
  - Java-based tools and IV&V for augmented reality
  - 2016 - 2017
  - \$70k
- **Commscope (Arris)**
  - Cable modem software
  - 2016 – 2017
  - \$450k
- **Idera**
  - SQL Database Profiler
  - 2017
  - \$0
- **eyeLock**
  - Biometric authentication software
  - 2017 – 2018
  - \$230k



# NASA Value - Quad Chart

## Problem(s):

- Connect devices through standard wireless protocols (Zigbee, Bluetooth, LoRaWAN, 802.11 etc.)
- Create custom software tools
- Ensure quality testing and validation
- Cybersecurity Information Assurance

## Company Solution:

- Highly experienced software developers and testers
- Fortune 500 company background
- Focus on Internet of Things, Machine Learning, Tooling and Validation, Cybersecurity IA

## Value:

- Experienced engineers that have worked for and delivered solutions to Fortune 500 companies
- Vast domain expertise spanning device to cloud technologies

## Status of Solution

- All software services developed for clients are currently in production and used by clients' customers

# Principal Point(s) of Contact

<b>NAME</b>	<b>TITLE</b>	<b>PHONE</b>	<b>EMAIL</b>
<b>MAHVISH QURESHI</b>	CEO	512.814.5086	<a href="mailto:MAHVISH@FERMATSOFTWARE.COM">MAHVISH@FERMATSOFTWARE.COM</a>
<b>KHURRAM QURESHI</b>	PRESIDENT	512.814.5086	<a href="mailto:KHURRAM@FERMATSOFTWARE.COM">KHURRAM@FERMATSOFTWARE.COM</a>