

4th Dimension Data - Professional Services

Statement of Work for North Central Texas Fusion Center

10/7/2010

Introduction

4th Dimension Data (4DD) provides services and expertise in data transformation, data quality, systems integration, application development and Service-Oriented Architectures (SOA).

4DD always strives to make information management easier, more intuitive, and more efficient. We work with all levels of government and industry worldwide offering expert services around our COTS Automation Platform, database development, web services development, and turn-key solutions. Our engineers work directly with clients to define, design, and implement IT Solutions around Information as a Service, Business Process Automation, Systems Integration, and Rules-based Expert Systems that assimilate to our clients' IT infrastructures

The 4DD framework and associated solutions bring a cohesive, easy-to-use set of products and cloud services to companies, governments, and individuals at all levels to forever change the way data is integrated and used within all types of IT projects.

Our People – Your Engineers

You will have a dedicated engineer to help ensure continuity and efficiency while working on your systems. Our staff has worked with the with the Law Enforcement community for more than 12 years, and has proven themselves technically proficient, trustworthy, and professional.

All of our staff has passed criminal background checks, and have worked on several Federal projects requiring a security clearance. At your option, our engineers or other members of our support staff will be happy to provide you with SSN, DOB, and other personal information that may be necessary for you to conduct your own personnel background investigation to the satisfaction of the NCTFS.

4th Dimension Data and Thetus

4DD technologies make large-scale information management easier and more effective for the Savanna data ingestion pipeline. 4DD delivers a robust, easy-to-use set of integrated Apps that handle connectivity to databases, web services, and unstructured content to provide a wide array of data quality enhancements that make a real difference to the Savanna experience. New Apps can be quickly developed & delivered to meet challenges on any size project; giving Savanna customers the ability to fully exploit all types of data, including everything from Legacy to open-source content.

Remote Access

4DD takes data and network security very seriously. Our professional services team members have a strong history of providing technical support and general IT services to a wide variety of government and commercial clients. We have an established set of internal policies & procedures designed to enable designated 4DD engineers to assist customers through direct remote access to resources on their enterprise network.

While we also provide on-site support, the remote support is much more cost effective for most customers since it eliminates travel costs and the downtime normally associated with travel. 4DD remote access policies and procedures

are designed with the goal of providing our customers with just-in-time remote assistance through the most secure means possible.

4DD Data can support virtually any type of VPN connection standard, including cryptographic security cards, which may be assigned directly to individuals and support industry standard levels of encryption up to AES-256.

If you prefer to use a device exclusively as an endpoint for our VPN tunnel access, a **Cisco PIX 501, or better model**, with an unrestricted license is recommended. You should be aware that this firewall is designed with the Small Office market in mind; it does not have the memory or processor power to handle enterprise level network traffic and has a limit of 10 VPN tunnels. Even with these limitations, the Cisco PIX 501 has all the security capabilities of the enterprise class PIX models and can comfortably handle the traffic used for remote support as its sole purpose.

4DD Data technical staff is available to discuss implementation options, and any special security, or other, needs your organization may have.

Tasks

- Review and determine the methods in which data is collected from participating agencies.
 - Inventory the data on hand today.
 - Detail the collection process for each source, identify sources that are no longer working.
 - Find commonalities in the collection process and leverage those commonalities to increase efficiency in the collection process.
- Compile the Metadata collected about the current collection process and data ordered by most cost effective to least cost effective.
 - The ordering will be influenced by a number of factors, ease of implementation, repeatability, and participating agency cooperation.
 - Access the current structure and determine if any Apps need to be developed to support the collection or ingestion process.
- Work with the NCTFS staff to develop a roadmap of the data conversion by source, based on our report and the NCTFS staff's expertise on the relevance of the data.
 - This roadmap will be ordered by importance, most important to least important.
- Work with the NCTFS/Thetus to determine the best format to present the data for optimal use of Savanna.
 - This data could be expressed in a number of ways to best support Savanna, and will be looked at on a per source bases.
 - Formats may include, but are not limited to: Flat File, RDBMS, File based data bases, ect.
- Develop Self Documenting, easy to maintain Tetra Workflows within the Tetra Studio.
 - These workflows will be based on the jointly developed roadmap of source conversion starting with the sources deemed most important.
 - 4DD will leverage reuse and other strategies maximize work output while minimizing cost.
 - The number of sources ported over/workflows generated with the Tetra Studio will be dependent on a number of factors. Those factors include but are not limited to: Complexity of the source, ability to leverage reuse, participating agency cooperation, ability to access the source, building of custom Apps, etc.

Fee Schedule

The following is the fee schedule for the professional services described above. Professional Service is billed at the rate of \$150/hr. Actual hours are documented and will be billed monthly. The total amount of dollar hours spent for the defined tasks will not exceed \$42,000, not including travel expenses if any are incurred.

We thank you for the opportunity to serve the NCTFS, and hope to start a long and mutually beneficial partnership.

Agreed and accepted by:

Provider	Customer
Company: 4 th Dimension Data, LLC	Agency:
Name: Duane Epperly	Name:
Title: COO	Title:
Date: 10/7/2010	Date:
Signature:	Signature: