



GENERAL INFORMATION:  
CREATETANK.COM  
+ 1 800 975 8379  
INFO@CREATETANK.COM

TECHNICAL CONTACT:  
+ 1 800 975 8379 x.702  
JOHN JOSEPH ROETS – CHIEF ARCHITECT  
JOE@CREATETANK.COM

BUSINESS CONTACT:  
+ 1 800 975 8379 x.701  
SHIRLY ROETS – PRESIDENT  
SHIRLY@CREATETANK.COM

## Capabilities Statement

### *General Information*

createTank is a Bridgeport, WV based minority-owned and woman-owned small business that specializes in Service Oriented Architecture [SOA], Enterprise Architecture, software design, and software development.

We pride ourselves on our research in software architecture, resulting in multiple advanced software frameworks. We have employed an open source architectural research strategy for many years. This strategy allows exposure and evaluation of our advanced architectural abstractions within major systems around the world. As part of this strategy, multiple open source software projects are sponsored and maintained by createTank. createTank has a contingent of open source software contributors and experts on staff. At createTank, we adhere to the highest professional standards, and advance proven and open standards within our solutions wherever possible.

### *Service Offerings*

#### **createTank Software Architecture**

createTank provides software architecture services second to none. We are experts in Service Oriented Architecture [SOA], enterprise architecture, and application architecture. We have been responsible for the successful architecture of dozens of major systems throughout the country. Our architectural advances have been utilized throughout the world.

#### **createTank Software Architecture Review and Audit**

createTank provides expert review and audit of architectural documents, concepts, designs, and implementations for major commercial and government institutions. Our review allows an organization to find problems or concerns early in their software life cycle. Our review includes examination of technical language for precision, conciseness, and cogency as regards architectural intent.

## **createTank A-Team**

createTank offers the novel A-Team service, providing expert design and development experience along with best-of-breed engineering process. The process is an agile software development process with the ability to dial up or dial down the process features applied. The client is able to decide how much process and which features of the process should be applied based upon its requirements and budget. The team and process are well established, and are therefore able to produce results almost immediately.

## **createTank Software Development and Integration**

createTank offers professional development and integration for a wide variety of products and technologies. We are well versed in a wide array of languages and protocols. createTank utilizes an agile development process, replete with industry standard best-practices for all of its projects.

## **createTank Support**

createTank provides professional support plans for a wide variety of products and technologies, including open source and products otherwise unsupported.

## ***Major Products***

### **elemenope**

A Service Oriented Architecture [SOA] and general messaging framework. Provides transport abstraction, functional abstraction, payload abstraction, fault tolerant messaging, and multiple transport protocol implementations out of the box. Includes JMS, Web Services, direct call, MQSeries (WebSphereMQ), and mainframe connectivity implementations. Supports implementation of new connectivity implementations. The elemenope framework has a number of bleeding edge capabilities that are only now anticipated in the feature sets of other products. elemenope is over eight years ahead of the curve on most SOA features. Key features of the framework are still nonexistent elsewhere in the industry.

### **OOGA**

Object Oriented Genetic Algorithm Open SOA Framework – A framework to facilitate implementation of published Genetic Algorithms [GA] as well as experiment with advanced distributed GA. Multiple concurrent distributed populations are supported, as well as complex individual types. OOGA provides the capability for separation of GA implementation from Individual (or problem) implementation. This feature allows direct comparison of GA, as well as the provision of a standardized GA library.

### **Vespucci GIS**

GIS/Geospatial SOA Framework. Facilitates implementation and integration of distributed GIS applications. Leverages elemenope framework to provide transparent and unlimited scalability and component distribution.

## **RosettaType**

Free and open source [FOSS] Project to research and implement multiple engines for generic software object abstraction (also known as Payload Abstraction) to a common structure [RosettaType]. Allows transport of any object over any implemented protocol, to/from any language in standardized and optimized fashion. Implementation of JMS, XML-RPC, Direct, and XML engines.

## **xc : XmlConfiguration for Java**

Open-source Java library for simplified parsing of configuration files written in XML.

## **Teramoto**

GIS research application for seismic event and resultant compressional wave (P-Wave) mapping and study.

## **Personnel**

createTank has six (6) highly skilled and experienced engineers, software developers, and architects which may be furnished for a given cause.

## **Employee Skillset**

Our extensive employee skillset is available online and updated regularly at the following URL:  
<http://createtank.com/doc/skillset.html>

## **Classifications and Set-Aside Categories**

createTank, Inc. is a women-owned small disadvantaged business.  
Small Business  
Small Disadvantaged Business  
Women-owned Business  
Very Small Business  
SBA SDB (certification applied for)

## **Personnel Contact Information**

Shirly Roets  
President  
voice: +1 800 975 8379 x.701  
mobile: +1 304 695 0380  
shirly@createtank.com

John Joseph Roets  
Chief Architect  
voice: +1 800 975 8379 x.702  
mobile: +1 304 695 0381  
joe@createtank.com