# Atrus, Inc Technology Capabilities

Atrus has committed substantial resources to the development and operation of a comprehensive web based AED registry and event notification system.  This activity was undertaken with the goal of creating a vendor and geographic agnostic system that would accomplish the following objectives:

1.  Provide a National Registry of AED and accessories for :
    a.  Enhancing the operational readiness of the devices by sending reminders out for replacing batteries and electrode pads
    b.  Documenting AED Inspections
    c.  Developing and maintaining a registry of trained volunteer  AED first responders
    d.  Facilitating continuing education for volunteer first responders
    e.  To support the manufacturers in the rapid notification of any FDA device related information.

2.  Deliver in real-time up-to-date registered fixed AED locations to dispatchers who are then able to provide that location information to the caller enabling bystanders to locate the nearest AED (in response to an SCA event).

3.  Immediately initiate bi-directional communication with participating Volunteer Responders in the vicinity of an SCA event.

4.  Provide displays for 9-1-1 call takers to direct callers to a nearby AED in accordance with standard dispatch protocols for SCA events

5.  Develop analytics on impact of system

Beyond the technology challenges, our principals have extensive experience in creating functioning multi-vendor solutions that provide for the common good while protecting the sensitive business realities inherent in a competitive free marketplace.  We have a proven track record within the Pharmaceutical industry of forming exactly these types of relationships.

Our strategy to improve the chances of survival from an SCA event is to enable other stakeholders in the industry to build on top of what we have accomplished. We have both a willingness to contribute our accomplishments to the task and system architecture to facilitate it.

We are confident that through collaboration we can greatly accelerate the time to market, reduce the cost to market and maintain the application, and provide vendor agnostic benefits for the community at large

Specifically our technology experience includes expertise in the following areas

| Languages | Technologies | Applications | Other |
|---|---|---|---|
| C# | .NET Framework 2.0, 3.0, 3.5 | Visual Studio .2005/2008/2010 | Certified Scrummaster |
| VB.NET/VB6 | 4.0 | Team Foundation Server | Microsoft Solutions Framework |
| ASP/ASP.NET | Windows Communications | Host Integration Server (HIS) | Agile Methodologies |
| C/C++ | Foundation (WCF) | Content Management Server | Shareporint |
| Java/J+ | Workflow Foundation (WF) | Rational XDE | Microsoft Project |
| PHP | Windows Presentation | Rational Rose C++ 4.0 | Windows Server 2003/2008 |
| Ruby | Foundation (WPF) | Crystal Reports 7.0/8.5/9/10/2008 | Microsoft SQL Server 2005/2008 |
| XML/XSL | Web Services/REST | Telerik Sitefinity CRM | Microsoft IIS 6/7 |
| LINQ | ESB/SOA Architecture | Mingle for Agile Project | Oracle 8i – 9i |
| Transact SQL | Microsoft Silverlight | Management | ISO 9001-2000 Knowledge |
| | ASP.NET MVC | Salesforce.com Integration | |
| | | SalesLogix Implementation | |

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