

Avera visibility

What is Avera Visibility™?

Avera Visibility™ is a software platform for the development, deployment and management of advanced data acquisition and control systems (ADACS). Why is this important?

Prior to Avera Visibility™, the resources of the military or a Fortune 500 company were required to manage and manipulate mass streams of random, real-time data on a global basis. Now, for the first time, anyone with a PC can do it.

Avera Visibility™ simplifies, in real-time, the management of the complex interactions of events and actions found in ADACS through these groundbreaking technologies:

Avera Configuration Manager	An easy to use point-and-click interface with an integrated device library for the rapid development of enterprise level ADACS.
Avera Engine	Core ADACS database and processor that utilizes Avera State Machines and an Oracle 9i RDBMS.
Avera Application Manager	Using Java and XML, an administrator or end-user can access a deployed Avera system through its web interface to manage and interact with it.
Avera Watchdog	Unique to Avera applications, the Watchdog monitors, in real-time, the operational status of all devices at any level from a single unit to an entire enterprise.
Avera Blades	For the experienced developer, Avera Blades provides for the creation of custom enhancements to the system.

Ubiquitous Technology

Each Avera Visibility™ application is built on XML for the Web. Through this enabling and ubiquitous technology, device connection and control is universal.

Avera Visibility™ is the only data collection and control system that provides enterprise level connectivity with a Watchdog feature and automatic web site generation. But it does not stop there. With the Configuration Manager and Web Application Manager, you are only a click away from the future.

Avera is ideal for building such solutions as:

- Supply chain management
- Condition based monitoring
- Gate control and access

Take it as far as your imagination will go. Whether monitoring utility meters, power supply, truck scales, or fuel dispensers, go to the next level with Avera Visibility™ for rapid software application development.

How Real Do You Want To Get?

How much and how fast is up to you. Using our patent pending *See It, Use It, Lose It* technology, you control the collection of real-time data. Through the use of state

machines and advanced messaging, *Avera Visibility*[™] determines the granularity of the data collected. Only what is useful is brought into the system, and you can select and manipulate those parameters.

The Avera Advantage

The core enabling and patent pending Avera technology gives you:

- Full library support of data collection devices such as RFID, bar code, and sensors. These are immediately accessible through a drop-down menu.
- Data acquisition into an embedded Oracle 9i enterprise relational database. The Avera developer is not required to possess any special Oracle knowledge – Avera manages these details.
- Rapid application development utilizing the Avera Configuration Manager.
- Multi-level security privileges for accessing application data, device control, and site administration.
- Database replication for enterprise level deployments, distributed computing, automatic site synchronization, and data protection.

With Avera, the system integrator rapidly creates custom, high-value data collection and control systems.

Still Not Convinced?

The top ten reasons Avera Visibility[™] has immediate value:

10. The *only* ADACS solution with a point-and-click configurator, built-in networking, and a Watchdog.
9. Automatic website generation. The Avera programmer does not need any knowledge of Java or Html.
8. Full device library support for passive short range RFID, long range UHF passive and semi-passive long range RFID, radios, bar code, sensors, and most machine-to-machine communication.
7. Normalized model of asset tracking and definition that provides a high degree of flexibility, reliability, and accuracy.
6. Multi-level security privileges.
5. Distributed computing
4. Automatic site synchronization.
3. Designed for the system integrator to rapidly create custom, high-value advanced data acquisition and control systems.
2. Tested and burned in at numerous sites world-wide with over seven real world and operating application sets such as parking, point of sale, fueling, truck scaling and supply chain management.
1. Immediate time to market. Avoid 3 years of development time and millions of dollars to attempt replication. *Avera Visibility*[™] is available now at an affordable price!