



Do you want to help your clients move to Solaris 10 faster and more efficiently?

Do you want to protect your current Sun installed base?

Do you want to upgrade your clients to faster, more efficient servers?

## The #1 challenge Sun field teams and resellers face is difficulty migrating applications to Solaris 10. Trigence Solves the Problem - Permanently

Trigence application encapsulation technology allows you to take any Solaris 2.6, 8, or 9 application and run it on Solaris 10.

Trigence software adds a new dimension to Solaris 10 zones through application capsules which offer “Application Virtualization” along with the “OS Virtualization” delivered with Solaris zones.

### Trigence AE for Sun

- Trigence AE software facilitates rapid application migration. Encapsulate any application working in a Solaris environment and simply "drag and drop" to the new Solaris 10 platform.
- Trigence enables applications to evolve from unique, complex installations to simple, standardized, manageable objects allowing administrators to offer application services when, where and how they want.
- Trigence AE will allow you and your clients to instantly achieve server consolidation goals and realize immediate IT operating cost savings by quickly and easily migrating legacy applications to more efficient environments and retiring old hardware.

Trigence AE transforms applications into independent, moveable objects and liberates them from underlying operating system dependencies without compromising functionality. By capturing an application with all its dependencies in one enclosed “capsule”, Trigence AE eliminates the trial and error associated with moving applications across servers and OS versions. A capsule that was made and configured in one version of an OS can be seamlessly migrated to a newer OS version or server without compromising functionality.

Now, imagine managing an entire IT infrastructure comprised of independent, moveable application objects that can be deployed and redeployed in a known-good state without risk of data loss, performance issues, or downtime. As new hardware and OS versions become available in the future, applications can be moved seamlessly. Upgrades are a snap and true enterprise virtualization is now possible.



The Trigence application encapsulation solution allows you to take any Solaris 2.6, 8, or 9 application and run it on Solaris 10.

**Trigence opens new paths for you to:**

- Sell state-of-the art Sun hardware
- Upgrade more customers to Solaris 10
- Create upsell opportunities across all your customers

The power of Trigence capsules goes way beyond migration and modernization.

**Trigence AE is a quantum leap in:**

- Tackling day-to-day application management tasks
- Automating critical processes
- Improving Help Desk service
- Monitoring applications proactively
- Enabling true utility computing
- Achieving enterprise virtualization

By introducing the Trigence solution, sales teams now have the ability to respond to legacy application problems and keep the migration and upgrade process moving.

**For more information on revenue upside for Sun sales teams and resellers using Trigence AE, go to [www.trigence.com](http://www.trigence.com)**

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**For more details on how Trigence works in the Solaris environment view our whitepaper at [www.trigence.com/documents](http://www.trigence.com/documents)**



## Trigence AE FAQ

### 1. Question: What exactly is Trigence AE?

**Answer:** Trigence AE software encapsulates applications into independent, moveable objects that can be relocated within Solaris and Linux operating systems to virtually any setting without compromising functionality. Once an application has been encapsulated, it can be easily accessed, updated, customized and redeployed – seamlessly.

### 2. Question: Why would you want to encapsulate an application using Trigence?

**Answer:** There are many benefits that an organization realizes by isolating and encapsulating an application. These benefits fall into three main categories:

**Application Modernization:** An encapsulated application has everything it needs to run and operate within the capsule. Applications currently running on older OS's like Solaris 2.51, 6, 8, or 9 can be run on Solaris 10 without re-compiling code.

**Consolidation:** Once the application is isolated from its underlying OS, changes, updates and patches can be made to the OS without impacting application performance. Now multiple application capsules may be run on one instance of the OS to achieve dramatically improved efficiency. The only limitation on the number of capsules that can be run is the amount of CPU and memory resources available.

**Application Management:** By encapsulating an application with its dependencies intact, perfectly configured applications can be cloned, archived, retrieved, and managed as a single file if desired. Clients that have reduced their daily IT Operations costs by up to 70% with this new level of manageability.

### 3. Question: What exactly is a Trigence Capsule?

**Answer:** A Trigence capsule is, in essence, a small intercept layer that is placed around the application. This intercept layer acts to redirect the application calls to point to where the information can be found. This intercept layer which is handled by the Trigence AE Controller, tells the application if the information it is looking for can be found within the capsule or if it can be found on the underlying host operating system.

### 4. Question: How long does it take to encapsulate an application?

**Answer:** It depends on the size of the application and the complexity of its integration with other applications, etc. The rule of thumb is that it takes about the same amount of time to encapsulate an application as it does to .tar an application.

### 5. Question: How does this fit into the Sun Binary Compatibility guarantee?

**Answer:** Solaris supports one of the most comprehensive ABIs (Application Binary Interfaces) available in an OS today. While Sun supports backward compatibility at an executable level, most applications have dependencies that go way beyond a simple executable. In order to work properly, applications rely on the locations of specific files, the content of those files, and the specific syntax/order of elements in a given file. Trigence takes care of all of these elements.

### 6. Question: What type of performance degradation should be expected while using an application in a capsule?

**Answer:** When using an encapsulated application on an identical hardware configuration as the native application, our testing has shown 2% or less performance degradation. Because encapsulated applications can be run on newer and more robust versions of the hardware and OS, this performance degradation is invisible to end user.

### What's the pricing for Trigence AE?

**Answer:** Our flexible pricing strategy offers a variety of options for resellers to leverage the solution for better client service and improved margins. Please contact us directly.

## Contact Information:

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