

## Clerity Transforming Enterprise Applications (TEA) software



### Highlights:

- Streamline business processes and rapidly address evolving market needs
- Produce composite objects and updated user interfaces from a 'mash-up' of legacy and new application sources
- Use in conjunction with Microsoft Visual Studio, no special understanding of SOAP, XML, WSDL, or HTTP protocols required
- Leverage the .NET Framework to deploy generated services and workflows across a range of devices and channels, including office desktops, Web services, and mobile devices
- Exploit 3270, 5250, and VT220/VTxxx host-based applications, Windows Desktop applications, and UniKix Mainframe Rehosting software workloads

*Mergers, acquisitions, and organic growth have left many organizations with a range of isolated applications and databases to manage. Clerity Transforming Enterprise Applications (TEA) software protects the business value of these individual systems by enabling their functionality to be collectively leveraged across the enterprise to enhance organizational agility and long-term competitive position.*

### Take composite down to the component level

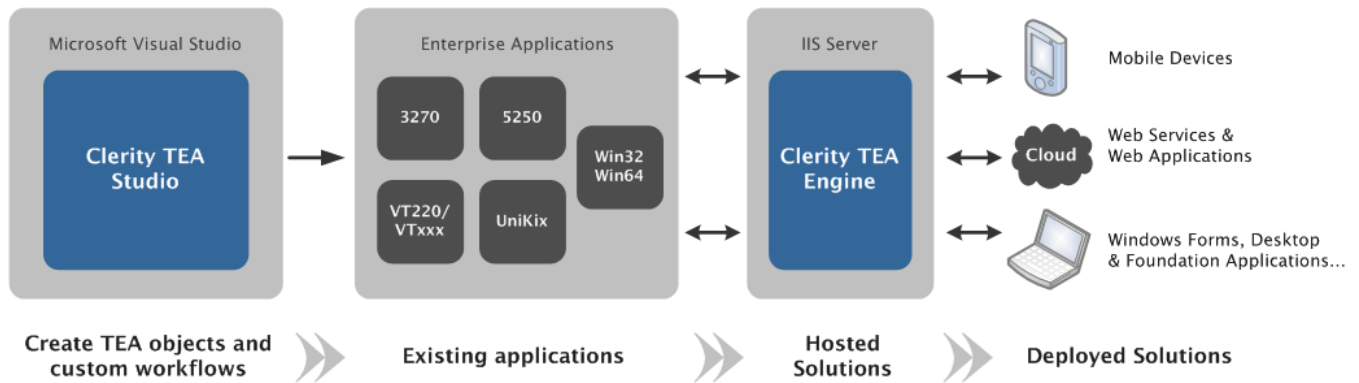
Clerity TEA software aligns disparate systems with evolving needs by enabling organizations with legacy and distributed systems to deliver updated, user-centric services across a range of devices without changing existing application source code or processes. Using Clerity TEA, developers can construct reusable .NET objects from the business logic of existing host-based applications (e.g. 3270, 5250, VT220/VTxxx, UniKix software), and Microsoft Windows desktop-based applications. Components can be created from individual applications or a composite 'mash-up' of both legacy and new systems.

### Service-enable legacy and distributed applications

As a fully-integrated plug-in to Microsoft Visual Studio, developers can use a standardized development environment to exploit Clerity TEA generated components across the enterprise in Microsoft .NET, Web, client/server, or mobile applications. Incorporating these objects into services enables time-tested legacy applications and open systems workloads to actively engage together in new service oriented architecture (SOA) and Web-based initiatives.

Developers can deploy Clerity TEA objects to any .NET project type, including Windows Forms, Web Forms, Web Services, Windows Presentation Foundation, and Windows Communication Foundation applications. Clerity TEA objects can be used in the creation of customized workflows leveraging Microsoft® BizTalk® Server to build composite applications for the Windows Azure cloud. Enhanced end-user experiences can also be created by developing composite screens from a mix of host servers, including IBM mainframes, UNIX, Linux, and Microsoft Windows based systems in addition to Web services.

The two central components of Clerity TEA software are the Clerity TEA Studio plug-in and the Clerity TEA Engine. Clerity TEA Studio provides an intuitive



***Clerity TEA provides a powerful platform to exploit legacy business logic across a range of new application deployments***

GUI environment to capture application screens and produce reusable .NET objects. The Clerity TEA Engine provides a robust and scalable runtime that is deployed in conjunction with an application server to execute TEA objects across a range of Web and mobile devices.

**Clerity TEA Studio – orchestration made easy**

The Clerity TEA Studio plug-in extends Microsoft Visual Studio, providing an intuitive drag-and-drop environment to capture legacy and Windows-based application fields and convert legacy screens and data into reusable, .NET-based objects.

Fully integrated with the Microsoft Visual Studio environment, standard editing features such as Project Properties and Editor Properties are supported. Clerity TEA Project Templates are also available to speed up development efforts.

Generated Clerity TEA objects have full intellisense capabilities and can be accessed directly via C# or Visual Basic code. When used in conjunction with Microsoft BizTalk Server, developers can leverage Clerity TEA components in the orchestration of enterprise workflows.

**Clerity TEA Engine – scalable cross-platform deployment**

For businesses looking to target a number of platforms, including Desktop applications, Web Forms and Web Services, or Mobile devices, the Clerity TEA Engine provides the interfaces needed to seamless connect back to legacy host or Microsoft Windows-based applications without changing application code.

Services utilizing generated Clerity TEA Objects can be accessed from any framework including Java, .NET, and JavaScript. Developers can build new ASP.NET Web sites, Windows Forms, Web Services, or Mobile applications to drive new workflows and meet the evolving needs of the enterprise.

**Comprehensive legacy investment and modernization solutions**

Whether your organization is following a strategic top-down approach to SOA or a tactical bottom-up methodology, Clerity TEA software provides the development and deployment tools for a successful implementation.

Clerity TEA software is part of a larger suite of migration and modernization offerings from Clerity that enhance, extend, and transform legacy assets. Clerity recognizes that companies have significant investments in core applications and procedures and provides a wealth of low risk, high value solutions and technology to reduce IT costs without sacrificing current functionality and service level agreements.

**System requirements**

- Windows XP, Windows Vista, Windows Server 2008 or Windows 7
- .NET Framework 3.5 or higher
- Visual Studio 2010 Professional

Clerity TEA objects deployed as Web services require Microsoft Internet Information Services (IIS) 6 or 7.



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