



Presenting the power of C

The Business Case for Cuecent ebPAC

E-Business is not just a trend; it's a new way of doing business. E-Business involves leveraging the Web as a means to extend the enterprise and transact with customers, suppliers, users, service providers and partners in an efficient, scalable manner. E-business was expected to create simpler systems, increased efficiencies, and more agile enterprises. Unfortunately, in practice, many organizations' E-Business initiatives have been more costly, complex and time consuming than anticipated.

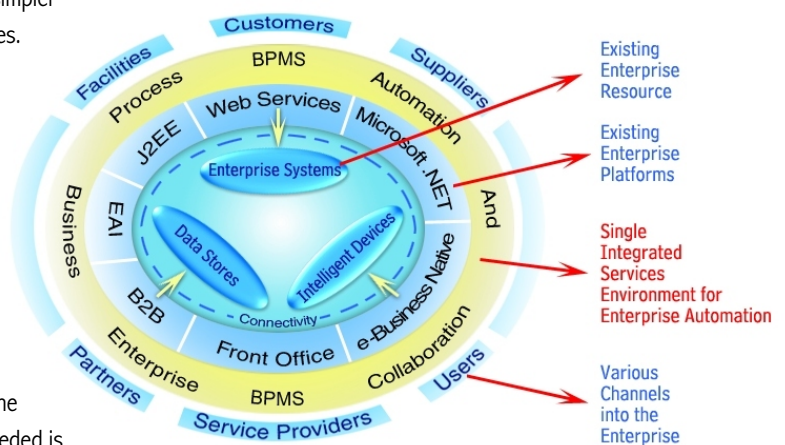
One major cause of this failure to capitalize on the promise of E-Business is the existing software development environment. In current standard practice, services and existing legacy components are hard-wired together to create new applications. When additional or modified functionality is required, developers must re-wire the existing application instead of dynamically adding the required functionality by adding or removing components. What's needed is a means of assembling applications that will drive down costs, lower risk, reduce time-to-market, and promote reusability. Cuecent ebPAC is a next generation Automated Application Assembly environment that delivers just such a solution.

CUECENT ebPAC Benefits:

- Reduced Time-to-Market through automated application assembly, speeding application development time by as much as 75%
- Reduced risk through adoption of standards and use of commercial-grade pre-built components
- Reduced Total Cost of Ownership (TCO) by promoting and enabling re-use of components across applications and heterogeneous environments (e.g., J2EE, .Net)

Today's e-Business systems take too long to build, are difficult to maintain and modify, and resist attempts to integrate with legacy systems across platforms and enterprises. Cuecent ebPAC, a unique enterprise class solution, is meeting this challenge by providing a unified standards-based application assembly environment.

Can your business afford missing out on a standards-based Integrated Services Environment (ISE) to manage enterprise system complexity, streamline application development, leverage existing enterprise assets and increase productivity gains?



Cuecent ebPAC Overview – Cuecent ebPAC is an e-Business application assembly environment that facilitates the rapid development and deployment of e-Business solutions. Applications built with Cuecent ebPAC are highly customizable and adaptive, thus reducing the cost of creating, deploying and maintaining enterprise applications.

Approach:

In Global 2000 companies, it's common to find more than 200 separate business systems in operation. A workable e-Business initiative will require capturing existing business processes, interconnecting existing system, transforming legacy data formats, and aggregating information from multiple sources into a coherent "e-Business view." Even when such initiatives succeed initially, they often fail over time as changes to the underlying subsystems create a tangle of patches and stopgaps within the overall system.

Cuecent ebPAC enables you to encapsulate your existing enterprise through components and allows you to assemble applications dynamically using these components through an integrated application assembly environment. With Cuecent ebPAC, developers capture the complete enterprise application development process using Process Builder and

Service Builder. These are stored as parameterized business and component models, whose behavior can be completely customized by varying the input parameters, producing unique variations of the application at runtime. Our approach to application development greatly reduces coding, enabling developers to quickly capture and assemble applications in real-time as the business changes. The net result is that Cuecent ebPAC provides an environment that allows enterprise to instantly react to business changes that traditional environments simply cannot provide.

Cuecent ebPAC Solution:

Cuecent ebPAC comes with an Integrated Services Environment (ISE), which consists of the following components to streamline and automate your enterprise application development process:

Business Flow Builder:

Allows definition of high level business flows with attached textual descriptions. BFB flows link to Process Builder flows to define executable processes.

Process Builder

Enables users to define their business process graphically. Sequences components that are processed at runtime to produce highly customizable applications.

Service Builder

Provides reusable and adaptive components that perform on-the-fly business tasks. Allows integration with external systems and data sources.

Application Flow Builder

Documents and serializes screen flow within the system. Creates graphical representation of screen flow for easy visualization. Links to Business Flow Builder to trigger event flows from users screens.

Web Services

This toolkit supports most of the major Web Services standards such as WSDL, SOAP, etc. and generates the required proxies for successfully deploying in any Web Services enabled platform.

ebPAC Runtime Engine

CUECENT Cuecent ebPAC comes with a runtime component to provide a robust infrastructure on top of J2EE architecture to host, execute, and manage thousands of independent applications.

EbPAC Work Portal

Allows creation of users and roles, assignment of users to roles, creation and modification of user and role hierarchies (who reports to whom), and access to and management of user worklists, including task reassignment.

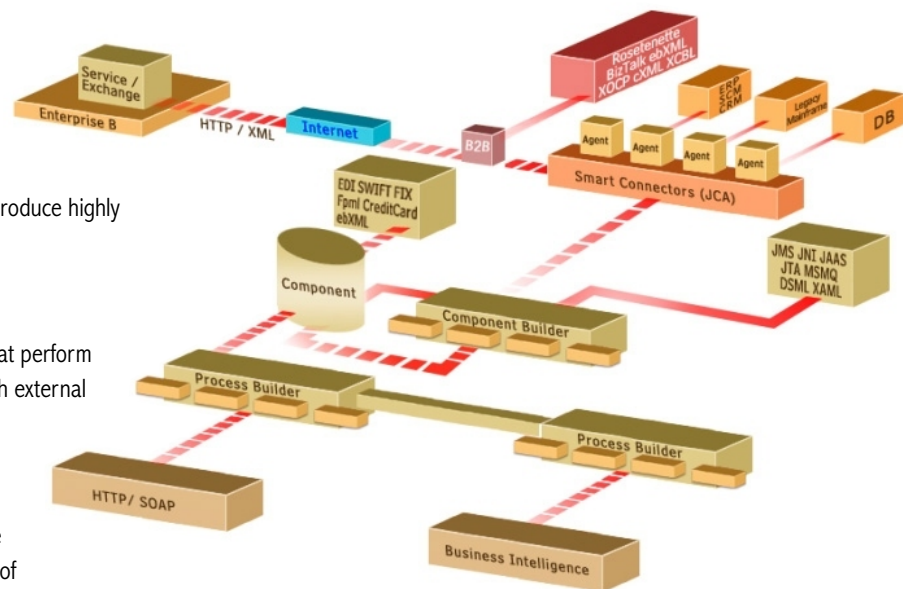
EbPAC Administrative Portal

Allows access to the Instance Monitor, Rules Engine and Business Activity Monitor. Instance Monitor monitors processes as they execute, providing the information necessary to understand the current state and prior history of every element of the business process. Rules Engine allows process business rules to be defined and executed. Business Activity Monitor reports on the amount of time which processes and users are taking to accomplish tasks, and gives you insight into the state of your processes.

Cuecent ebPAC Features:

Provides a single unified integrated development environment for reducing the complexities of enterprise application development

- Hides the complexities of underlying technologies allowing developers to focus on business needs



- Provides a robust architecture and generates applications that are industry-standard J2EE compliant
- Provides and promotes reusable components as a means of addressing the common needs of an enterprise's application development efforts
- Process Builder enables you to build highly dynamic applications that are processed on-the fly at runtime
- Service Builder enables building re-usable enterprise components graphically, increasing developers' productivity by removing explicit application coding. It also simplifies building custom adapters to seamlessly connect to legacy systems
- ebPAC Engine runs on all leading Application Servers

Synopsis of Cuecent ebPAC Features	Technical Features
<p>Business Flow Builder</p> <ul style="list-style-type: none"> Define top-level business flows Used by Business Analyst or Line of Business Manager Links to Process Builder 	<p>Supported Operating Systems</p> <p>Modeling Environment:</p> <ul style="list-style-type: none"> Microsoft Windows 2000, XP Professional <p>Run-Time Environment:</p> <ul style="list-style-type: none"> Microsoft Windows 2000, XP Professional Red Hat RHEL 2.X and above HP-UX 10 & 11
<p>Process Builder</p> <ul style="list-style-type: none"> Automation of business processes. Provision to plug in Custom Actions. Availability of efficient engine to execute process. Work list as a means by which the users can interact with the process. 	<p>Supported Application Servers</p> <ul style="list-style-type: none"> Jboss 4.0.0 IBM WebSphere 5.X and 6.X Oracle 10gAS BEA WebLogic Server 8.1
<p>Service Builder</p> <ul style="list-style-type: none"> Simplified and quick deployment of EJBs. Generation of efficient queries using Query Builder. Provision to generate beans for various Application servers. Allows building of custom adaptors for any back-end resource. 	<p>Supported Java Virtual Machines</p> <ul style="list-style-type: none"> Sun Java SDK 1.4.0 and above
<p>Application Flow Builder</p> <ul style="list-style-type: none"> Provides screenflow mapping Links to Business Flow Builder to trigger event flows from user screens 	<p>Supported Database Management System</p> <ul style="list-style-type: none"> Oracle 9i, 10g MySQL 4.x IBM Db 2.8.2
<p>Web Services</p> <ul style="list-style-type: none"> Supports various standards such as WSDL, SOAP etc Generates required proxies Deploys in any Web Services enabled platform 	<p>Supported Message Brokers</p> <ul style="list-style-type: none"> Java Message Service JMS 1.0.2 IBM WebSphere MQ 6.0. XML Schema
<p>Configuration Management</p> <ul style="list-style-type: none"> Version control with required version retrieval feature. Supports distributed mode. 	
<p>Security</p> <ul style="list-style-type: none"> Supports LDAP for authentication and roles Access control to different components based on privileges. 	



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