



“Building on open Web services standards, Extentrix has developed a fascinating product that extends Citrix’s Application Delivery platform. Citrix is working with Extentrix to demonstrate how SAP customers can seamlessly integrate their legacy applications with their NetWeaver Portal and composite applications ”

Matt Lull, Director, Global SAP Alliance- Citrix Systems.



## Extentrix Web Services - Application Edition

Citrix XenApp offers application virtualization and application streaming for optimal application performance. It enables the best access experience for any user, with any device, working over any network. With the secure application architecture, organizations can centralize applications and data in secure data centers, reducing costs of management and support while increasing data security, and ensuring fast, reliable performance.

Any successful IT strategy must ensure seamless exchange of information between company applications. However integrating applications with Citrix Application Delivery platform is not a simple task; till now communicating with Citrix space is limited to Citrix products.

Several methods currently available from Citrix Systems provided to access published applications of the Citrix XenApp product family:

- [Program Neighborhood](#)
- [Program Neighborhood Agent](#)
- [Web Interface](#)

Extentrix now offers an additional set of products to access published applications:

- [Extentrix Widget for Citrix Presentation Server](#)
- <http://www.extentrix.com/CPAW/Index.htm>
- [Extentrix Gadget for Citrix Presentation Server](#)
- <http://www.extentrix.com/CPAG/Index.htm>

However, these two sets of utilities do not allow developers to launch published applications from within their own applications or portals. Extentrix has resolved this issue and unlocked the Citrix platform to the development community with Extentrix Web Services - Application Edition. This new product is built on the open standard SOAP protocol allowing all web service consuming applications to access Citrix farms seamlessly for published application.

Moreover, Extentrix also has developed a Management Edition that helps administrators manage their Citrix XenApp remotely (<http://www.extentrix.com/EWSME/Index.htm>).

## Key Benefits

### Enhanced Performance

The Performance of Extentrix Web Services - Application Edition is enhanced by connecting directly to Citrix XML service rather than using intermediate hubs like PNAgent site.

### Simple Management Tool

This tool allows users to control and manage all Extentrix web services (Application and Management Editions) from a unified UI console.

### Support Latest Protocols

Application Edition is up-to-date with the latest NFuse(XML) protocol packaged with latest Citrix XenApp Server releases without breaking the old versions. The new APIs of the Extentrix Web Services - Application Edition are functionality close to Citrix Web.

### Ability to Connect to Many Farms

Users can create multiple web services by using Extentrix Management Console (EMC). Each of these services connects to a different farm, as a result, the user can connect to multiple farms.

### Citrix Access Gateway Support

Extentrix Web Services - Application Edition can be configured to integrate with Citrix Access Gateway 4.0 or later to deliver secure access to XenApp Applications. There will be no learning curve or extra work on your side since we support Citrix standard method of integration between Web Interface and Access Gateway.

### Provides a Simplified Mechanism to Connect Applications

Extentrix XenApp server, utilizes a standard means of communication - SOAP, WSDL and XML standards- to communicate with XenApp Server. This allows applications to connect regardless of platform, device, technology or location.

## Sample Implementations:

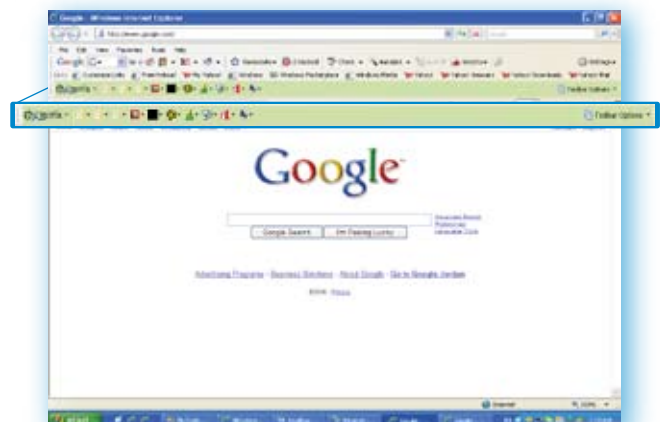
Extentrix Web Services APIs are most commonly used for :

- Developing company portal sites.
- Developing custom applications to access XenApp. I.e. Extentrix Widget for Citrix XenApp (<http://www.extentrix.com/cpaw/>).
- Easy integration with SAP platform or other portals. I.e. Extentrix Toolbar for Citrix (<http://www.extentrix.com/SAP/Index.htm>).



MyWorkApps is a FaceBook application that allows FaceBook users to launch application through FaceBook web site.

(<http://www.facebook.com>)



Extentrix Turbo Access Toolbar is an addon toolbar for Internet Explorer. (<http://www.extentrix.com/Turbo>)



Flight Express is a private company portal

## Comprehensive list of APIs

Extentrix Web Services – Application Edition provides you with a rich set of APIs such as:

|                                     |                                     |                        |
|-------------------------------------|-------------------------------------|------------------------|
| GetApplicationInfo                  | GetApplications<br>ByCredentials    | IsApplicationPublished |
| ValidateCredentials                 | DisconnectSessions                  | GetServers             |
| LaunchApplication                   | LaunchApplication-<br>WithParameter | LogoffSessions         |
| GetApplications-<br>ByCredentialsEx | GetApplicationInfoEx                | GetApplicationIcon     |

### For Developers:

Extentrix provides on its web site a Test Drive page to give developers hands-on experience with Extentrix Web Services - Application Edition. Developers section contains many examples to demonstrate the easiness of using web services APIs to connect to XenApp and launch deployed applications. The source code of these examples is provided for free download from our website. For more information about Extentrix Web Services - Application Edition please refer to the developers section on Extentrix site: <http://www.extentrix.com/WebServices/Developers.htm>

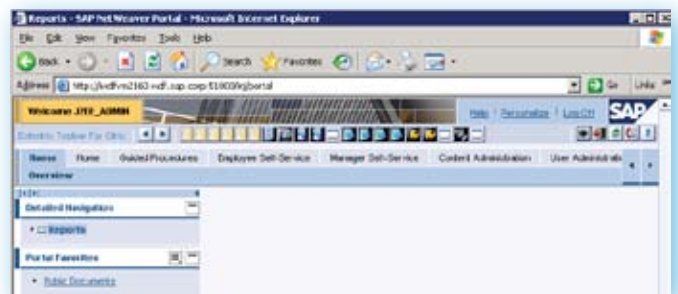
## Extentrix Toolbar For Citrix



**SAP® Certified**  
Powered by SAP NetWeaver®

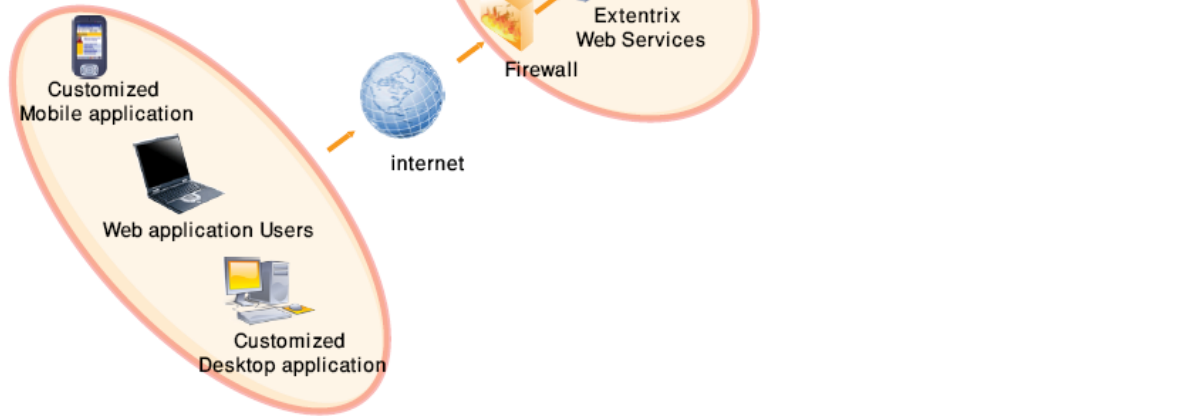


Extentrix Toolbar for Citrix (SAP Certified and Citrix Ready) is first of its kind product that integrates Citrix application delivery technology into the SAP portal environment, making it fast, simple and easy to access any Citrix XenApp published application you need while working in the portal.



This amazing product is consuming Extentrix Web Services - Application Edition APIs to get the published application for the logged in user and to launch any selected application. For more information, please visit <http://www.extentrix.com/SAP/Index.htm>

## Extentrix Web Services Consumer Application



### Learn More

Extentrix Web Services - Application Edition Home Page  
<http://www.extentrix.com/web services/Index.htm>

### Free Download

Try Extentrix Web Services - Application Edition free for thirty days.  
<http://www.extentrix.com/web services/download.htm>

### Test Drive

Test drives Extentrix Web Services - Application Edition right away.  
<http://www.extentrix.com/web services/test drive.htm>

### Developers

Visit Extentrix Web Services - Application Edition developers' section.  
<http://www.extentrix.com/web services/developers.htm>

## About Extentrix

Founded in 2006, Extentrix Systems is a leading software development company specializing in virtualization and developing access and security software solutions for Citrix and Microsoft customers. Established by former software engineers at Citrix, Extentrix have developed access solutions that simplify and speed users' access to Terminal Services and Citrix platforms.

Extentrix Systems headquarter is located in Dubai, UAE. For more information, please visit the company's Web site at [www.extentrix.com](http://www.extentrix.com) or call +971-4-208-8496

Extentrix Systems  
Office 217, Twin Towers, Deira  
P.O.Box 4404  
Dubai, UAE  
Phone : +971 4 2088496  
Fax : +971 4 2088699  
E-mail: [info@extentrix.com](mailto:info@extentrix.com)

**extentrix**  
[www.extentrix.com](http://www.extentrix.com)