

Question	Answer
Does Appeon support setpointer today?	Yes
Does Appeon support https?	Yes
Does Appeon support pki digital certificates?	Yes
Does Appeon support execution of stored procedures from within event scripts?	Yes
How do you run the app from the browser rather than from within the IDE?	Start the browser, and access the start page. Appeon automatically creates an index.html file that checks authentication and then calls your Application Object Open Event to begin the application.
Would you be able to send me your slide presentation please? Or is there a good site to visit that provides similiar information?	Copies of the Appeon presentation are posted on-line at www.sybase.com/appeon . All other product information is available at the same site.
Does this support connecting to various ODBC database drivers?	Yes, Appeon supports connecting to databases through ODBC via the iAnywhere JDBC Driver that has a JDBC-ODBC bridge inside it
Can you save a composite datawindow to a PDF file?	Yes, any DataWindow Presentation Style including Composite (65-90% of PowerBuilder apps) can be automatically saved into an Adobe Acrobat PDF file that can be saved or printed to local or network printers or hard drives
Will Drag & Drop be supported between controls, particularly datawindow controls and treeview items?	The Drag & Drop functionality in most PowerBuilder applications have keyboard or mouse PowerScript work-arounds like the DataWindow RowsCopy and RowsMove that can easily be placed into Command Buttons or other graphical controls. Straightforward work-arounds for some features that are not common in any legacy web applications are not as high a priority as the more infrastructure support for PowerBuilder in general. That being stated, Drag & Drop is targeted for a future release.
How big is a typical deployed end product web page file size, in other words how much data has to flow to the browser?	<p>HTML and JavaScript are cached on the client permanently and not downloaded again unless changed at the server.</p> <p>Window HTML Files Size – 1 KB to 6 KB.</p> <p>Application Logic JavaScript Files Size – typically 1 KB to 40 KB depending on the amount of PowerScript events and functions code in the objects</p> <p>DataWindow Property XML Files Size – typically 1 KB to 50 KB depending on number of controls and properties</p> <p>DataWindow Result Set Data XML Files Size - depends on the result set size being downloaded</p> <p>DataWindows can also be cached locally for any length of time through the Appeon Enterprise Manager, which is extremely helpful for caching Code/Reference Tables that are DropDownDataWindows</p>
Does Appeon use other TCP ports other than port 80?	Yes, Appeon supports whatever port the HTTP listener is set to.

What are some of the un-supported features?	External Applications to the PowerBuilder Application, File Functions although easy work-around is to use database (Browser sandbox security limits this support), Registry Functions although easy work-around is to use database (Browser sandbox security limits this support) and miscellaneous others. There are detailed lists in the Appeon Supported Features Guide and Appeon Migration Guide documents, which can be obtained online, at the Product Manuals section of sybase.com.
If you deploy the application to the end and ancestor objects have changed, Appeon will need to re-deploy the descendants to the web as well, right? Does Appeon automatically look at the inheritance and incrementally deploy the ancestors and descendants?	Yes, Appeon automatically looks at all PowerBuilder objects and if the date has changed, it deploys that object and all descendants to the web.
How long did the Appeon conversion take? Was there tweaking needed?	For the incremental build on the new window with many controls, new menu item with toolbar icon, it took 1 minute. No, in this case there was no tweaking. Tweaking is usually only necessary when using unsupported Appeon features. Appeon-compliant applications automatically convert.
What is the Appeon Enterprise Manager?	It's a web-based management application that monitors Appeon runtime users, configuration, authentication security, DataWindow caching performance, and many other features.
What is the web address of the Appeon Code Examples demos?	Appeon Code Examples can be found at TrySybase.com .
We are currently running version 6.5 of PowerBuilder. What kind of effort would be required to convert to 8.0.3 prior to using Appeon?	The migration to 8.0.3 is fairly straightforward and Appeon documentation has suggestions.
What is the minimum version of PB is required to use the Appeon software?	PB 8.0.3
Do Appeon apps usually need broadband (DSL/Cable) internet access?	No, this is not required, especially since after the first time running the application, all HTML and JavaScript files and some DataWindow XML files are cached on the client browser. However, as with any browser-based application, the performance improves with faster internet access.
If we QA our Client/Server PB app, then convert to Appeon, do we need to QA the Appeon web app?	The Appeon web app should be just like deploying a Client/Server application to an EXE and PBDs. It is up to each customer how much but some customers do perform QA testing of the deployed web application.
What is the price of Appeon?	Pricing for Appeon Developer Edition is \$99. Appeon Deployment pricing is CPU-based, which is the typical server style pricing model. Exact pricing would need to be discussed with your Sybase salesperson, as it varies for different types of customers.

Are there any simulations or functions to replace use of the ini file or registry for application parameters or user settings?	Yes, database settings go into the Appeon Server Connection Cache. User Preferences go into the Database itself and the future Appeon framework has a database script and NVOs that call several database tables for this. The user preferences should be moved into a user database table that includes the user login_id, the preference_type_id, and the preference_value that refer to a preference code/reference table that would have columns for preference_type_id and preference_description. This functionality is already being built into the new Appeon Framework for PFC as well.
Does it know about the special color codes that are windows configuration colors (e.g. windows background, ...)?	Browsers cannot see external properties such as the Windows operating system or else there is a security paradigm violation. However, Appeon does support special custom colors from PowerBuilder natively.
Does Appeon support dynamically created datawindows? (DW.Create())	Today, DW.Create() is not supported because the deployment is based on the PB application during development not runtime. However, DW.Create() will be supported with the N-Tier release that will be demo'd at TechWave in August.
Does Appeon support response windows?	Yes, Appeon supports response windows and you can see examples on TrySybase.com.
Did you retain PB bugs? Make improvements to PB?	PB engineering is done separately from Appeon engineering. Appeon development has identified a few PB bugs, which PB engineering has fixed. There have been cases where a PB runtime bug was corrected by the Appeon web application. Appeon does retain customer application logic bugs.
Is there an Appeon tool for identifying incompatibilities?	Yes, there are analysis reports generated both in Appeon Developer and in the Appeon Deployment Wizard.
Does this work with a huge application with 100 libraries ?	Appeon has worked on applications with dozens of libraries that size at 40-50 MB but testing has not been done past that level although it might work.
For the Appeon Deployment process, is there a commandline interface (or scriptable process) for it? What I would like to do is regularly do an automatic deployment to Test/QA and/or a scheduled deployment to production.	The Appeon priority has been on PowerBuilder features and the Appeon Deployment Wizard. However, automatic scripting Appeon Deployment is planned for a future release.
Are shared data windows supported?	Shared DataWindows are planned for a future release.

<p>Could we use pieces of the PFC - i.e. the treeview service?</p>	<p>Yes, you can take parts of the PFC and make them Appeon-compliant. Appeon customers are already using this method with most of the PFC features to 5 levels of window inheritance and 3 levels of user object inheritance.</p> <p>However, the Appeon framework plans to directly support many services including the Tab/TabPage service, Treeview service, and much more like the following:</p> <ul style="list-style-type: none"> PFC Naming Conventions & Standards PFC Windows PFC NVO Services PFC Standard Visual User Objects PFC DataWindow Services & Features PFC Controls PFC Events PFC Functions PFC Structures
<p>Can Appeon handle PFC based applications?</p>	<p>We are planning PFC support for later this year. In the short term, we are working on a set of Appeon supported foundation classes, which will provide a quick and easy workaround for PFC applications.</p> <ul style="list-style-type: none"> PFC Naming Conventions & Standards PFC Windows PFC NVO Services PFC Standard Visual User Objects PFC DataWindow Services & Features PFC Controls PFC Events PFC Functions PFC Structures
<p>Is there any way to save the webcast and replay it for others?</p>	<p>After the Web cast, we'll be providing a link to the replay. If you need more information you're are welcome to contact us at partnersuccess@sybase.com.</p>
<p>Does the latest version of Appeon include support for Embedded SQL?</p>	<p>Yes, Appeon supports Embedded SQL.</p>
<p>Do Graph DataWindows respond to click and mouseover events?</p>	<p>No, Graph DataWindows are dynamically created GIF graphic files on the web.</p>
<p>We need on site demo, is it possible?</p>	<p>Yes, please contact your local Sales office or partnersuccess@sybase.com.</p>
<p>Can the encrypted Javascript be debugged?</p>	<p>Yes, through a Debug Response Window and future plans include a JavaScript log and JavaScript debugger.</p>

Please describe what operations require a round trip to refresh the page, and which do not?	DataWindow.Update() DataWindow.Retrieve() DataStore.Update() DataStore.Retrieve() SQL Statements() Automatic Adobe Acrobat PDF Files through RMB Popup Menu or DW.Print() Automatic Excel Files through RMB Popup Menu Automatic Text Files through RMB Popup Menu
How would I deploy this to clients ? We are a VAR.	Your channel sales rep can provide the details that are appropriate to your situation. Contact partnersuccess@sybase.com for more information.
When is the next release? Will there be an open beta?	We expect to provide a maintenance release in July. There will probably not be a beta, because of the short release cycle.
Does Appeon work with Oracle and Microsoft SQL Server databases?	Yes, Appeon supports Sybase, Oracle, Microsoft and other databases.
How is the performance and response after web deployment?	We find that with good bandwidth to the browser, performance is comparable to client/server. HTML and JavaScript are cached on the client permanently and not downloaded again unless changed at the server. DataWindow XML files like Reference or Code Tables can also be cached at the client, which is a great performance benefit as well.
We are using the SQL statements at the middle layer components functions to update the database. What needs to be done to be compatible to Appeon 2.5?	Lots of N-Tier support is planned for a future release this year. Stored Procedure DataWindows are supported today.
What needs to be done for sending the data back and forth between client and server with BLOB type?	The browser JavaScript does not support BLOB data type. Graphics can be placed into the Window controls or the DataWindow controls.
Currently we have lot of middle tier call in our system. How will the existing middle tier call be handled by Appeon?	N-Tier calls to Web Services, PB NVOs, Java/EJB, C/C++ DLL, COM/ActiveX Components on Application Servers will be supported in a future release this year.
Any books available or pending?	The Appeon documentation is comprehensive and includes hundreds of pages of features as well as tutorials, examples, work-arounds, etc. See http://manuals.sybase.com .
Any problems with Mac clients?	Mac IE clients have not been tested yet and it is our understanding that Microsoft is stopping support for IE on Macintosh.
Is there any App Server requirement other than Appeon Server?	No, Appeon server provides all of the middle tier functionality.
What percentage of PB functionality in applications are supported by Appeon?	For a typical application, Appeon usually supports about 75-98% of the PowerBuilder application code.
What PB logic constructs are supported?	All PowerScript statements are supported except for GOTO, THROW, and THROWS.
Was this derived from the PowerBuilder Web Deployment Kit (WDK) offered in the past by Sybase via New Moon?	No, none of Appeon was derived from the Web Deployment Kit. The WDK was an emulation architecture like Citrix or Windows Terminal Server. Appeon is a true web application.

What is downloaded to the client?	This is a true thin-client architecture with only HTML, XML, and JavaScript on the client. There are NO downloads for Plug-ins, Java Applets, or ActiveX, and a Java Virtual Machine is not needed either.
What about the printing capabilities of datawindows to local or network printers? Any issues?	There are no printing issues with Appeon since any DataWindow Presentation Style including all graphical DataWindows (65-90% of PowerBuilder apps are DataWindows) can be automatically saved into an Adobe Acrobat PDF file that can be saved or printed to local or network printers or hard drives.
How is performance if user has dial-up access?	After the first time running the application on the network or dial-up, all HTML and JavaScript files and some DataWindow XML files are cached on the client browser, which provides faster access. However, as with any browser-based application, the performance improves with faster internet access.
Is there a list of Web-incompatibilities?	There are detailed lists of the thousands of supported features as well as the unsupported features, which can be obtained online, at the Product Manuals section of sybase.com .
Can we use the PB CREATE statement at all?	Yes, the PB CREATE statement can be used for DataStore, DynamicStagingArea, Menu, Transaction and Non-Visual User Objects (NVOs). More support for the PB CREATE statement is planned for future releases.
How can we download to Excel if we can't interface to OLE?	<p>Appeon DataWindows support Right Mouse Button click Popup Menu with automatic file generation for the following file types including Excel:</p> <p>Automatic Adobe Acrobat PDF Files through RMB Popup Menu or DW.Print() Automatic Excel Files through RMB Popup Menu Automatic Text Files through RMB Popup Menu</p> <p>In a future release, Appeon will provide an ActiveX to communicate directly to external applications on the Operating System like Microsoft Outlook, Excel, and Work, etc. Again, this is a thin-client web browser security limitation, not an Appeon limitation.</p>
Is 2.5 GA?	Yes, the Appeon 2.5 release was GA as of 6/16.
How does caching work for live updates?	The DataWindow XML file for any DataWindow desired is kept at the client and is not downloaded for the stated period of time. When the stated period of time is over or when the DataWindow is pushed out by the administrator, the DataWindow is downloaded with the new database result set to all users.
Where can we find documentation on running inside a portal?	We are verifying Appeon with our portal product currently, and we'll release a whitepaper when that work is complete.
Do menu hotkeys work?	Hot keys are planned for a future release.
Can the Appeon server be clustered?	Yes, so you can scale Appeon to any number of users.

<p>What are the benefits of Appeon over "Netilla"?</p>	<p>Netilla applications are not thin-client web applications. Netilla is emulation of an application that runs remotely on the server. Performance is poor because the application has to roundtrip constantly to the server to perform any user interface or business logic. Appeon has many enhancements over emulation including the following: 1) True web application 2) Thin-client 3) No Plug-in 4) 2-3 times scalability so cut your number of emulation or terminal servers in half or more 4) No Printing configuration issues 5) No configuration of all printers on the server 6) Printing to local printers! 7) No client download 8) No emulation - true web app 9) Integration on backend and on front-end in near future with Web Services, J2EE, PB NVOs, C/C++, other App Servers, etc. 10) Integration on front end with Enterprise Portal soon. We will be producing a whitepaper on this topic shortly.</p>
<p>What browsers are supported?</p>	<p>Currently, Internet Explorer is the only supported browser because of the 96% and growing Internet Explorer market share and most other browser users also have access to IE.</p>
<p>What version of PB does Appeon support?</p>	<p>Appeon 2.5 supports PB 8.0.3. The next maintenance release will support PB 8.0.3 as well as PB 9.</p>
<p>It was stated that no direct file access was allowed from the web application - does this include direct 'exec sql' statements?</p>	<p>No, there is some confusion in the question because this is database SQL inside the PowerScript that is deployed to the web browser JavaScript in the browser, not outside the browser in the file system.</p>
<p>What is an example Dynamic SQL statement types format 3, and format 4?</p>	<p>See the PowerBuilder Help for Dynamic SQL definitions. As a PB consultant for 6 years, I used Format 3 about four times only.</p>
<p>Will Appeon run on Solaris or just Windows?</p>	<p>The 2.5 release is Windows only. Solaris support is planned for later this year.</p>
<p>So, is the Appeon Server the replacement of EAServer/Jaguar?</p>	<p>No, Appeon does not replace EAServer. Appeon is a solution that uses EAServer as the run-time engine. Customers can continue to use EAServer for PowerBuilder or other web projects.</p>
<p>Is free download available ?</p>	<p>The Developer license is free, with a \$99 media charge for shipment.</p>
<p>Will Appeon work with Powerbuilder 6.5 applications?</p>	<p>Applications must be upraded to PB 8.0.3. However, the PB 8.x series makes upgrading much easier than it has been in the past.</p>
<p>Does Appeon support PowerTool framework?</p>	<p>The creator of PowerTool, PowerCerv, has not support PowerTool for a number of years. Appeon 2.5 supports parts of PowerTool but not everything although future releases will support more pieces of PowerTool. The future Appeon Framework for PFC will be a standard for web enhancents and for new web applications since PFC has been provided with PowerBuilder since 1995 and is far and away the most popular PowerBuilder framework.</p>

Does Appeon support OCX/OLE2 controls and OLE communications?	Web Browsers do not support OCX or OLE in a thin-client environment. Fat client external applications do not map into a thin-client browser architecture for security and download concerns. OLE controls are external to the PowerBuilder objects and PowerScript code that Appeon parses and thus produces true thin-client web apps from them. Appeon cannot parse OCX or OLE. However, with the N-Tier Appeon support that is coming, you can call server side objects if that helps. Also, a future Appeon feature is an Appeon ActiveX where you could interface with client-side apps like MS Word, Outlook, Web Browser OLE, etc.
Does Appeon only work/require Appeon Server?	Yes, Appeon Server is required as it is the only J2EE application server that has the six patents pending for the Rich Client GUI support.
In what ways is this better than Citrix?	Lots! 1) True web application 2) Thin-client 3) No Plug-in 4) 2-3 times scalability so cut your number of emulation or terminal servers in half or more 4) No Printing configuration issues 5) No configuration of all printers on the server 6) Printing to local printers! 7) No client download 8) No emulation - true web app 9) Integration on backend and on front-end in near future with Web Services, J2EE, PB NVOs, C/C++, other App Servers, etc. 10) Integration on front end with Enterprise Portal soon. We will be producing a whitepaper on this topic shortly.
In Windows 2003 server there is a new terminal service that eclipses citrix and has support for local printing - what would the advantages and performance character of the Appeon solution comparison?	Lots! 1) True web application 2) 2-3 times scalability so cut your number of emulation or terminal servers in half or more 3) No Printing configuration necessary 4) No emulation - true web app 4) Integration on backend and on front-end in near future with Web Services, J2EE, PB NVOs, C/C++, other App Servers, etc. 5) Integration on front end with Enterprise Portal soon. We will be producing a whitepaper on this topic shortly.
Does Appeon maintain persistent socket connections throughout a session?	No, HTTP is stateless so there is no need for a persistent connection.
Will Appeon Server run on Linux?	There is no PowerBuilder support available on Linux for the Appeon Server at this time.
Any dates for Unix/Linux web servers support?	Web Servers are certified and supported running on Windows. Unix/Linux web servers may work but have not been tested.
Is there a required gateway to use between the web application & a mainframe(we currently use EDA)?	Appeon Server provides JDBC Connection Caches that can also interface with ODBC if that helps.
Did Sybase buy Appeon / is it an official Sybase product now?	Sybase did not buy Appeon but Appeon is a close partner of Sybase and Sybase is the main sales channel, marketing channel, and tech support channel for this product.
Where can I find pricing info?	Contact partnersuccess@sybase.com or your Sybase rep for more details, including pricing.

Where can I download a trial version of Appeon?	There is an online demo at trysybase.com . Contact your Sybase rep for the Appeon Developer Edition. If you do not know your rep, contact partnersuccess@sybase.com for more information.
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