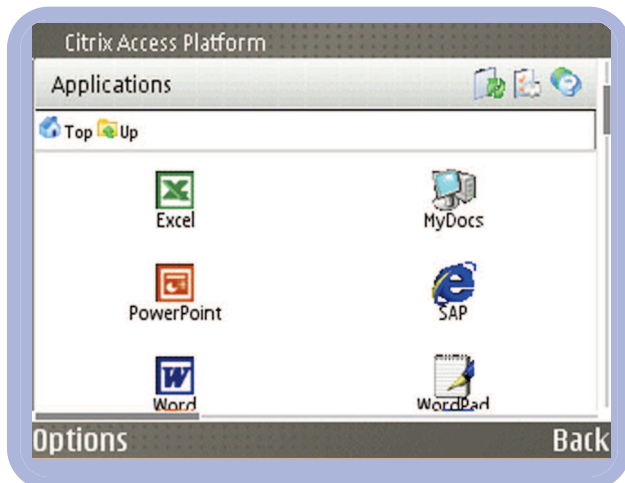


Citrix XenApp Brings Secure Enterprise Data and Applications to S60 3rd Edition Devices



The XenApp Client for S60 3rd Edition devices lets mobile workers use their smartphones to access enterprise applications and productivity suites from anywhere. Citrix's Web Interface running in the S60 device's native browser is shown.

Mobile workers have long had the dream of being able to tap into important corporate data and applications at any time and from any location. That dream has become one step closer to reality with the Citrix XenApp Client for S60 3rd Edition devices. The client lets users deliver enterprise-level applications, such as those based upon SAP and Oracle data repositories, as well as productivity suites such as Microsoft Office, directly to their smartphones. They can also securely access and edit enterprise data and documents without needing to download the document or application to the phone. Corporate IT departments benefit as well, because they need not spend any time or effort to customize those applications to work on S60 3rd Edition devices, or set up any special security software for accessing data if they already have Citrix XenApp deployed today. The Citrix XenApp Client is all that is needed to access an existing XenApp server deployment.

“Users are demanding access to corporate data from mobile devices. They don't see any reason why they should have to open up their laptops and make an Internet connection just to look up a part number or approve an SAP request.”
— Adam Marano, Citrix Senior Director of Technical Business Development

The Citrix XenApp Client for S60 3rd Edition devices works in concert with the Citrix Delivery Center. The Citrix Delivery Center, composed of products including Citrix XenApp and Citrix Access Gateway, transforms the data center from a static, production-oriented facility to a dynamic, service-oriented delivery center. Users of S60 3rd Edition devices can then connect to the XenApp server using the Citrix XenApp Client, and access these dynamic services in the form of Windows 32 enterprise applications or productivity applications published on the XenApp server. Since the applications are running in the secured delivery center, they have access to any data to which the server has access. Neither the application nor the data ever needs to be sent to the device. The paradigm of application delivery allows the IT department to have a single management and security paradigm to meet the needs of internal and external mobile device, laptop, and desktop users.

Targeting the enterprise

Citrix Systems is a global provider of application delivery infrastructure. More than 200,000 organizations worldwide use the company's technology, including all of the Fortune 100 companies and 99 percent of the Fortune Global 500, as well as hundreds of thousands of small businesses. The company has seen more and more of its enterprise customers turn to smartphones as part of their core technology infrastructure.

“We are seeing an increasing demand from enterprises for getting access to corporate-wide applications and data



Citrix Systems, Inc.
HQ: Fort Lauderdale, Florida
www.citrix.com



“With the Citrix XenApp Client for S60 3rd Edition devices, enterprises can let mobile users tap into their core applications and data, without doing any additional development or security work,” says Adam Marano, Citrix's senior director of technical business development.

Looking ahead:

Marano sees S60 3rd Edition devices such as the Nokia E61 and E70 smartphones and the Nokia E90 Communicator as playing an important role in Citrix's application delivery strategy. “Smartphones have become powerful small computers that you can carry in your pocket,” Marano says. “We'll be looking to leverage any new functionality, such as larger screens, higher-speed network capabilities, new security features, and remote video.” Eventually, he believes, Nokia devices could end up replacing laptops for certain use cases. “They are becoming so powerful that they can turn into thin clients,” he says. “Ultimately, users may be able to take a Nokia device, dock it, connect it to a monitor, and use it in the same way they now use a laptop or a desktop. In these cases, a user could leverage the Citrix XenDesktop product to deliver full desktops via the Nokia device to a larger monitor.”

Forum Nokia Pro Success Story

Continue

with their smartphones,” explains Adam Marano, Citrix’s senior director of technical business development. “Most of the demand comes from customers who have the Citrix Delivery Center already in place, and want to get access using S60 3rd Edition devices or similar devices. With the Citrix XenApp Client for S60 3rd Edition devices, enterprises can let mobile users tap into their core applications and data, without doing any additional development or security work. They can leverage the Citrix solutions they have in place today that they use for external laptop and desktop users.” Enterprises do not pay extra for the Citrix XenApp Client for S60 3rd Edition devices; it can be downloaded from Citrix’s Web site.

According to Marano, since the release of the S60 3rd Edition client software in March 2007, the greatest demand has come from law firms, retailers, and government agencies. The number of pilot programs at other companies is increasing, especially in the utility company and management firm market segment. He also expects that the solution will ultimately see significant use in the health care industry, allowing health care professionals to get secure access to medical records wherever they are located while maintaining compliancy requirements. Eventually the solution will move into use by the mainstream of mobile workers.

“Ultimately, a user may be able to take a Nokia device, dock it, and connect it to a monitor, and use it in the same way they now use a laptop or a desktop.”
— Adam Marano

Benefits for enterprise users

“Users are demanding access to corporate data from mobile devices,” Marano says. “They don’t see any reason why they should have to open up their laptops and make an Internet connection just to look up a part number or approve an SAP request.” It’s not just white-collar mobile workers who benefit, he emphasizes. “If I’m a utility worker, why should I have to carry around a big stack of manuals and documents to show me how to rewire a transformer? I can get all that information right on the screen of my S60 3rd Edition device, and leave all the manuals or that bulky corporate laptop in the office,” he says.

Helping enterprise IT departments

The Citrix XenApp Client for S60 3rd Edition devices offers some very clear benefits to IT departments as well, Marano adds. “From an IT perspective, the flexibility of mobile devices can be scary,” he says. “How do you encourage people to use them, but also make sure that they are used properly and securely? With this solution, the same infrastructure being used today for external laptops and desktops can be used to deliver applications to the Series 60 3rd Edition devices. Minimizing the number of technologies used to deliver business-critical data to end users regardless of device type, by standardizing on a single platform, is a key factor to consider.”

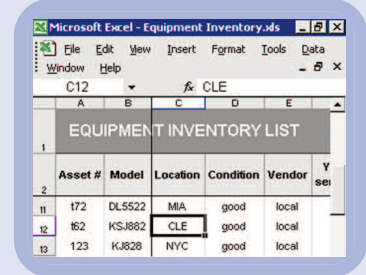
This way, he says, IT departments do not need to hire consultants to rewrite applications for mobile devices, or build and maintain separate infrastructures for each different device. In addition, using the Citrix XenApp Client for S60 3rd Edition devices solves a nagging security problem that has bedeviled many corporations recently. That is the question of what happens if a corporate laptop or mobile device is lost or stolen, and it contains sensitive company or customer information. With the Citrix XenApp Client for S60 3rd Edition devices, no data resides on the device itself; data is accessed and edited remotely on the Citrix XenApp server, which resides in the secured data center. So, if the device is lost or stolen, it contains no sensitive data. The client also greatly helps with application management and application patching procedures. IT administrators can simply patch or upgrade applications on the XenApp server(s), and the updated application is immediately made available to all of the S60 3rd Edition devices running the client, as well as the user’s laptop and desktop. There is no need to go to each endpoint device for application maintenance.

How Forum Nokia PRO helped Citrix

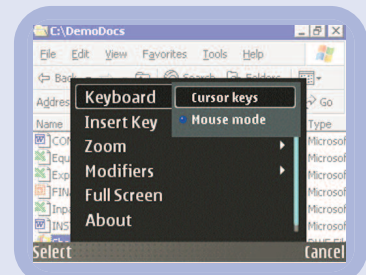
Forum Nokia PRO provided vital help for Citrix at several points in the development cycle of the product. During product development, Citrix engineers frequently accessed the Forum Nokia PRO discussion areas to see how others handled programming for S60 3rd Edition devices. Citrix was also able to resolve technical problems by finding solutions on the forums. In addition, Forum Nokia PRO provided multiple test devices for Citrix engineers, which helped speed up the development process and ensured a successful launch of the Citrix XenApp Client for S60 3rd Edition devices.

For more information, go to:

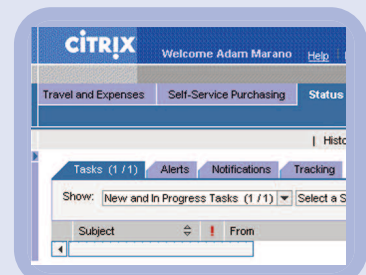
www.nokia.com/developer



Running Excel using the Citrix XenApp Client for S60 3rd Edition devices. Excel is running on the XenApp server, not locally.



With the Options button, users can change how the S60 joystick acts, access special keys, zoom in or out, and utilize the full screen of the S60 device.



The Citrix Presentation Client for S60 3rd Edition devices can run enterprise-level applications such as SAP inside a full Internet Explorer browser. The Internet Explorer file menu has been panned up and hidden to maximize the screen space of the S60 device. The user can move the screen down to again see the Internet Explorer menu as needed as well as move the screen left and right to see other portions of the SAP UI.



NOKIA