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Manage the Enterprise wireless application

Enterprises deploy business application on mobile devices. These applications might support parts of important business processes. Until now there was no solution to monitor easily the availability and performance of these mobile applications or to test automatically the functionality of new versions.

Monitoring: Once the wireless business application is deployed, monitoring of the processes on the delivery platform might be put in place. An SLA might be defined with the operator. However if the business application is not measured from the actual real mobile device, the last and most important mile is missing. This makes that in most deployed monitoring solutions, the coverage is incomplete. End-users are still calling the support department to log problems that have not been detected. Isolations of the root causes of reported problems can be inaccurate and finally the SLA with the operator cannot be verified.

Jamo Solutions offers a platform to cover this last mile. The solution monitors the business application from the actual real mobile device by deploying active monitoring at low total cost of ownership. The solution is easy to deploy and easy to maintain. This is achieved by deploying easy to read scripts that drive the mobile business application as if an end-user is using the application.

Functional testing: Each time that a major new release of the wireless business application is planned, its functionality needs to be verified before deployment. Until now functional testing on the mobile device is mainly na manual activity. With Jamo Solutions product M-eux Test, functional test cases can be automated on the mobile device. The

automation has low total cost of ownership leading to instant return on investment. By applying our test automation, the QA cycle is reduced in time, the business application can deployed earlier and higher quality coverage is guaranteed.

One world: The deployment of the tools of Jamo Solutions is kept as low as possible. Instead of creating a totally new environment that needs training and experience building, Jamo Solutions products extend existing proven, well known IT monitoring and testing environments. This makes that customers can use their favorite platform to test and monitor also their mobile applications. The experience gained in the IT world can be re-used in the mobile world leading to efficient use of resources. The testing product M-eux Test extends the leading test automation tool QuickTest Professional of Hewlett Packard and the well known product Visual Studio from Microsoft. The monitoring solution extends the monitoring products of Hewlett Packard.

Ilustration: Script extract: Easy to read, maintain and to re-use;

MobileDevice("Touch").**MoWindow**("SMS\MMS").**MoMenubar**("Send;Menu").**Select** "Send"

Touch_Diamond		
SMS \ MMS		
Send;Menu	Select	"Send"
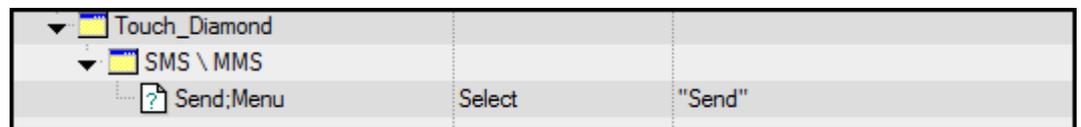
The replay of the statement of the above figure will search on the "Touch_Diamond" device for the SMS window. When the window is found, the tool will press on the "send" options situated on the menu bar.

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