

GROUPE



INTRODUCING AUTOMATION TOOL

SMARTVISER APK

DIV/Validation Terminaux / NEVIERE Philippe / Introducing Automation Tool

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NEW SFR LAB TESTING APPROACH

SFR uses a third party application for his own automation tests in Velizy Lab

- ▶ Main usages can be resumed below :
 - ▶ Bearer testing (by automation of repetitive tasks e.g. data throughputs, mobility ...)
 - ▶ Stability and robustness for new features
 - ▶ Troubleshooting (customers complaints)
 - ▶ Pre acceptance for battery autonomy

SFR has chosen SmartViser solution for these purposes

- ▶ SmartViser is a French startup based at Rennes, co funded by French engineers coming from “mobile world”
- ▶ Viser solution can run
 - ▶ in a stand alone mode (APK is installed in the DUT and performs actions)
 - ▶ Or associated with a scheduler “SynchoViser”, which can drive the DUT and external parts (like lab test equipment, e.g. Hytem handover matrix) for complex scenarios testing
 - ▶ Python scripts are used by SFR to perform most of bearers test books, and several other quality tests
- ▶ Detailed reports information of tests case are available on different forms (.csv, web view)
- ▶ Confidentiality is ensured, as this application does not share information with external servers (everything is managed within SFR infrastructure)

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