

SISEM SRL  
PRODUCTS & SOLUTIONS

SMART AGENT

# SMART AGENT

by

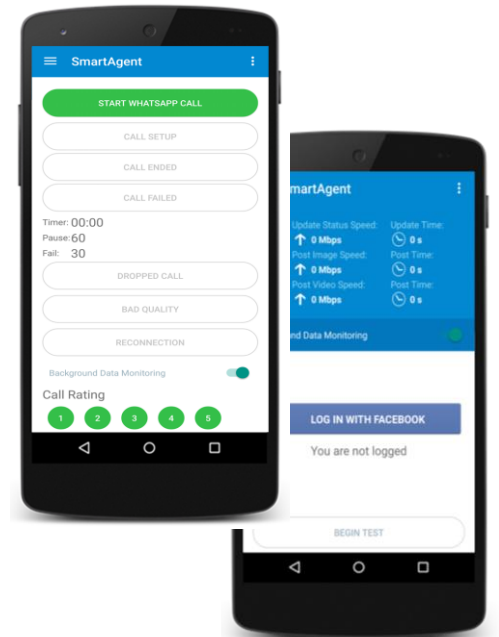


from a project of



# OVERVIEW

SMART AGENT (SA) IS A FLEXIBLE AND SCALABLE SOLUTION, DESIGNED AND DEVELOPED TO MEET THE QOE (QUALITY OF EXPERIENCE) MONITORING AND TESTING NEEDS OF MOBILE OPERATORS; AS WELL AS BEING A CUSTOMER CARE TROUBLE SHOOTING FEATURE.



# OVERVIEW

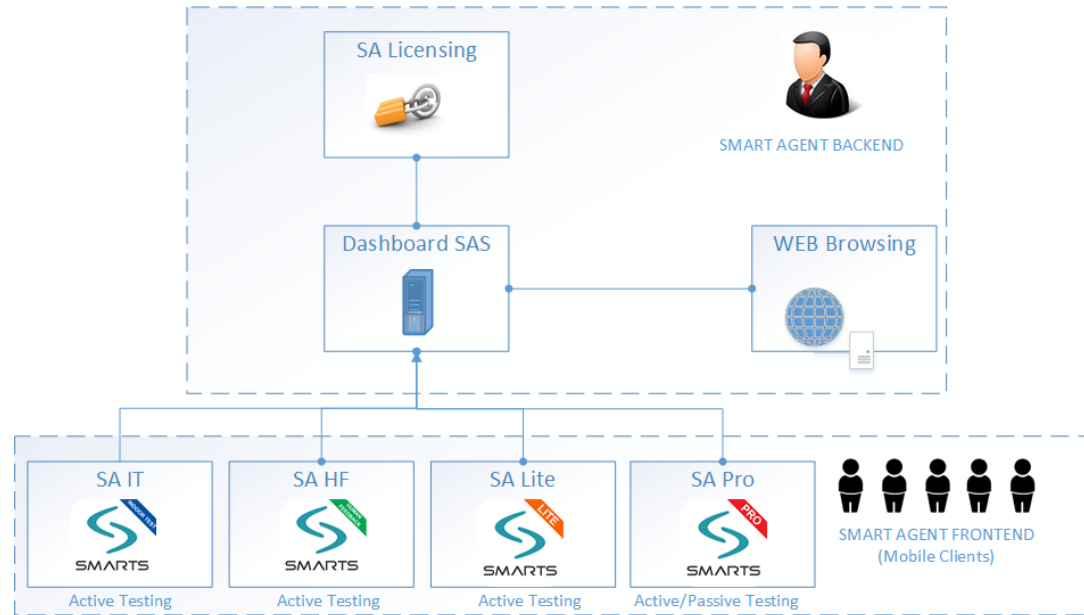
SA IS A SET OF APPLICATIONS ON MOBILE DEVICES THAT ALLOW TO VERIFY THE QUALITY OF A MOBILE NETWORK, BOTH FROM THE “OPERATOR” AND THE “COSTUMER” POINT OF VIEW.

THE SET INCLUDES **DASHBOARD SAS**, A BACK-END PLATFORM WITH THE POSSIBILITY OF IMPLEMENTATION BOTH ON A DEDICATED SERVER AND IN A CLOUD ENVIRONMENT.

- SMART AGENT LITE (SA LITE)
- SMART AGENT PRO (SA PRO)
- SMART AGENT HUMAN FEEDBACK (SA HF)
- SMART AGENT INDOOR TEST (SA IT)
- DASHBOARD SAS (SMART AGENTE SERVER)

# OVERVIEW

THE PRODUCT IS SCALABLE AND GRADABLE ON THE SPECIFIC NEEDS OF THE OPERATORS. THE VERSION AVAILABLE ON THE MARKET AT THE PRESENT TIME CAN BE EASILY ADJUSTED AND UPGRADED TO IMPLEMENT POSSIBLE CUSTOMIZATION REQUESTS MADE BY OTHER CLIENTS.





→ SMART AGENT LITE

BASIC LICENSE

→ SMART AGENT PRO

FULL LICENSE

→ SMART AGENT HUMAN FEEDBACK

OPTION 1

→ SMART AGENT HUMAN FEEDBACK

OPTION 2

# SMART AGENT

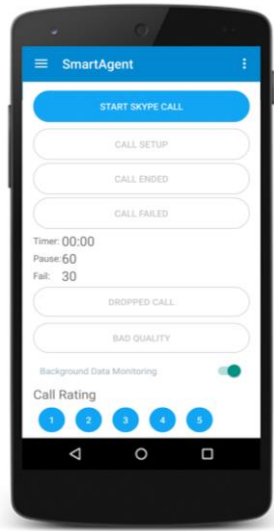
# LITE

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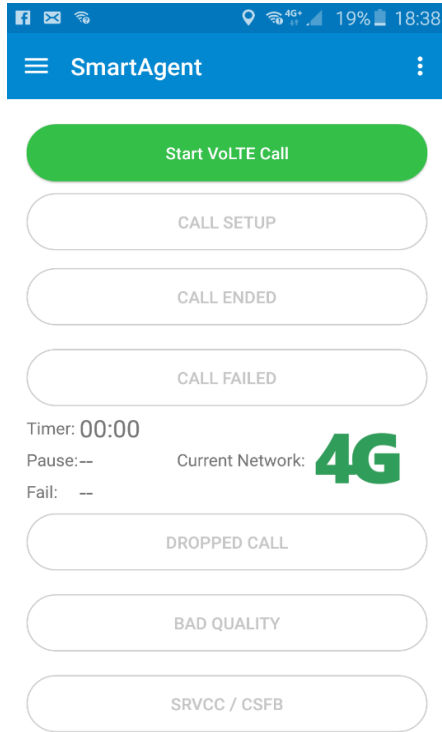
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- NETWORK SERVICE TESTING, INDEPENDENT FROM THE RADIO ACCESS TECHNOLOGY (GPRS, EDGE, UMTS R99, HSPA, LTE & LTE+)
- A CLIENT SIMPLE TO INSTALL WITH AUTOMATIC REGISTRATION ON SERVER
- *ACTIVE TESTING*: SPEED TEST (THROUGHPUT MEASUREMENT IN PS CONNECTIONS), YOUTUBE TEST AND BROWSING TEST
- CYCLICAL SPEED TEST





- FLOATING VIEW OF KPI NETWORK
- NOTIFICATION MANAGEMENT FOR EACH KPI NETWORK
- URL CONFIGURATION FOR ACTIVE TESTING
- DATA TRAFFIC COUNTERS BOTH FOR DOWNLOAD AND UPLOAD
- TROUBLESHOOTING QoE WITH DYNAMICALLY CONFIGURABLE THRESHOLD OF RSCP, RSRP AND SNR
- 4G POLLUTION WITH THRESHOLDS OF RSRP E SNR CONFIGURABLE ON DASHBOARD

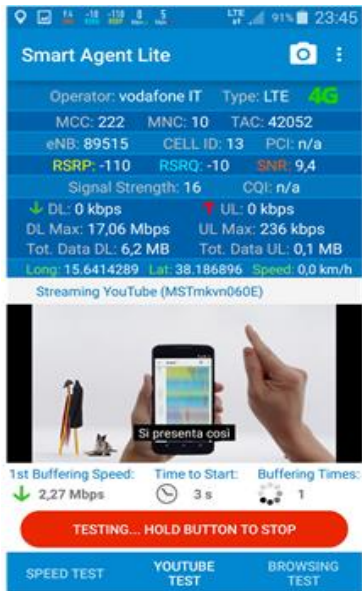
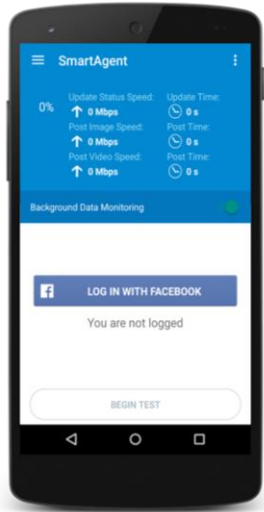
# SMART AGENT PRO

by

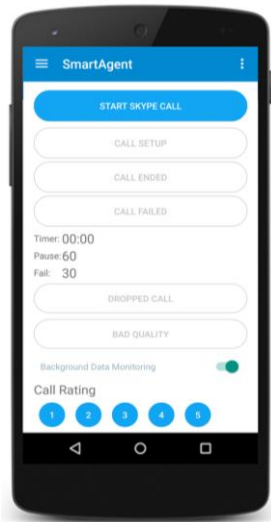


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- POSSIBILITY TO TEST THE NETWORK SERVICE BY BLOCKING THE DEVICE ON A SPECIFIC TECHNOLOGY (UMTS, LTE, ETC)
- SUPPORT FOR PASSIVE TESTING ACTIVATING THE “BACKGROUND DATA MONITORING” FUNCTION
- CALL DROPPED, CALL FAILED E OUT OF SERVICE EVENTS MONITORING WITH REPORT OF THE MAIN KPI OF THE NETWORK BEFORE AND AFTER THE OCCURRING OF SUCH EVENTS



- POSSIBILITY TO REPORT AND TRACE THE ROAMING OF THE NETWORK
- ADJACENT CELLS MONITORING
- POP-UP ACTIVATION ON TRIGGER BASE TO ENTER INFORMATIONS ABOUT THE LOCATION WHERE THE USER IS
- TRIGGER THRESHOLD MANAGEMENT: RSCP, RSRP, SNR AND RSRQ
- 3G POLLUTION WITH THRESHOLD OF RSCP AND EcNo DYNAMICALLY CONFIGURABLE

# SMART AGENT HUMAN FEEDBACK

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# HUMAN FEEDBACK

IT ALLOWS TO COLLECT CUSTOMERS FEEDBACK ABOUT USED APPLICATIONS AND SERVICES, THIS WAY MEETING THE NEEDS TO MONITOR THE PERCEIVED QUALITY FROM THE CUSTOMER POINT OF VIEW.

THE MODULE IS EASILY SCALABLE AND GRADABLE TO MEET POSSIBLE REQUESTS OR SPECIFIC NEEDS THAT ONE TLC OPERATOR COULD SHOW.

# SMART AGENT INDOOR TEST

by



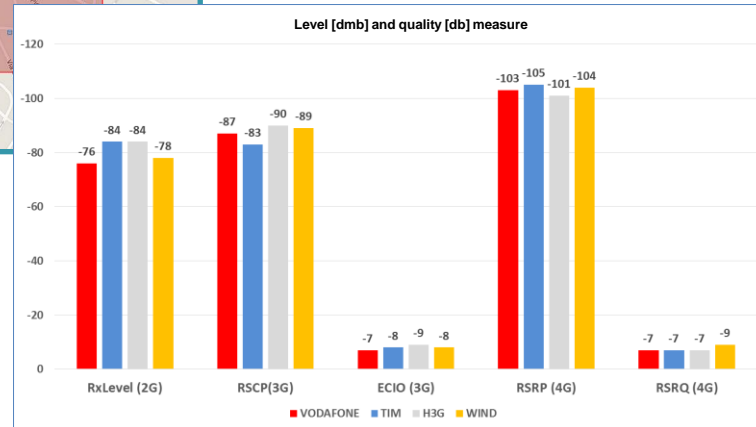
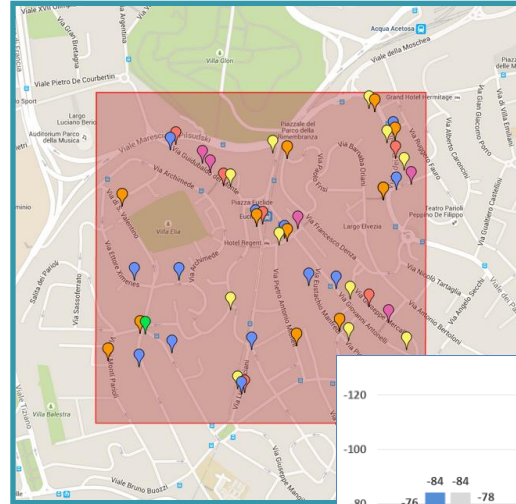
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# INDOOR TEST

MEASUREMENTS AND  
BENCHMARK 2G, 3G  
AND 4G

INDOOR ENVIRONMENT





# SMART AGENT DASHBOARD

by



from a project of



# DASHBOARD



## Speed Test Data

- BACK-END PLATFORM WITH THE POSSIBILITY TO IMPLEMENT BOTH ON A DEDICATED SERVER AND IN A CLOUD ENVIRONMENT.
- IT MEETS VISUALIZATION, ANALYSIS AND NETWORK TROUBLESHOOTING NEEDS, WITH THE FLEXIBILITY TO SUPPORT THE IMPLEMENTATION OF CUSTOMISED SOLUTIONS FOR DATA ANALYSIS AND DATA MODELLING.

Edit

**SPEED TEST DATA**   From Date  To Date

[Export CSV](#)

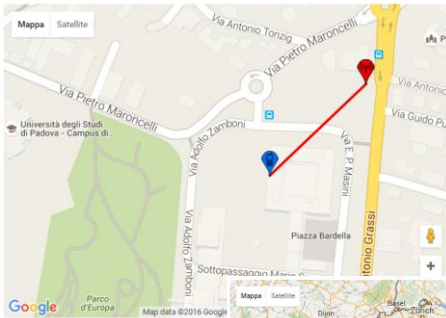
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2016-01-21 22:17:48	41	LTE	LTE	70860	21050	GREEN	YELLOW	YELLOW	GREEN	<a href="#">View</a>	<a href="#">Delete</a>

Showing 1 to 5 of 100 entries

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Edit



- REPORTING OF ACTIVE/PASSIVE TESTING RELATED TO THE CUSTOMER TRAFFIC (QoE AND QoS)
- MANAGEMENT OF TROUBLESHOOTING QoE THRESHOLDS
- MANAGEMENT OF 3G AND 4G POLLUTION THRESHOLDS
- REPORTING OF NETWORK GEOREFERENCED MEASUREMENTS WITH INDICATOR OF THE TYPE OF LOCATION (INDOOR, OUTDOOR, CAR, TRAIN)
- RESUME ON MAP OF CALL DROPPED, CALL FAILED, OUT OF SERVICE EVENTS AND TRACING OF ROAMING SERVICE AREAS
- HIGH SCALABILITY TO WORK WITH A HIGH NUMBER OF CLIENTS
- DATA FILTERING AND DATA EXPORT FEATURES

# IN SHORT

SMART AGENT  
LITE/PRO

SMART AGENT  
HUMAN FEEDBACK

SMART AGENT  
DASHBOARD

SISEM

SO IT WORKS

CONTACTS

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