

# Application Status Monitor

Active monitoring of user experience

Questions raised by new generation users and applications:

How do I ensure the Availability and Performance of my Applications?

How do I ensure the Quality of Service?

How do I monitor the user experience for SaaS and Cloud Applications?

**Application Status Monitor** is a technology developed by **NexTREt** that allows monitoring the operation and quality of digital services provided to third parties through synthetic transactions.

## The ABC's of how ASM works

**A**

**Emulation of a user**  
executing circuits continuously, according to the frequency defined or necessary for the client.

**B**

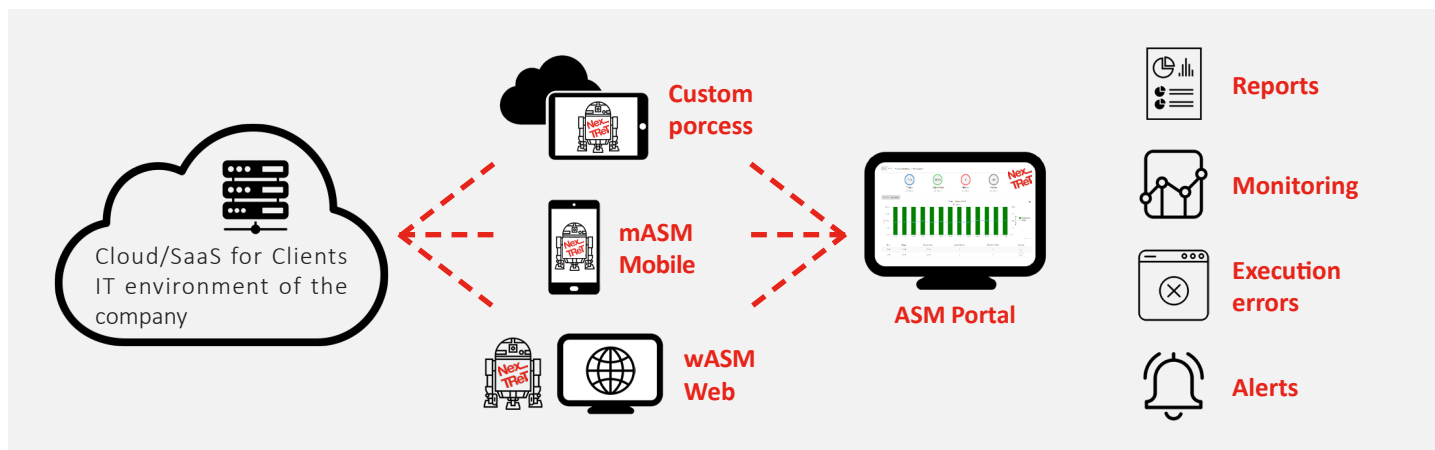
The Robot **records and reports** the information obtained in the navigations through the defined circuits.

**C**

1 Robot = 1 user synthetic executing a business transaction.

## ASM Logical Architecture

Synthetic testing of ASM from any environment and scenario



### 3 synthetic monitoring domains

#### wASM

Web ASM that emulates a user executing business transactions in a browser.

Capable of monitoring cross-platform web applications.



#### cASM

Custom ASM emulates a user executing transactions in business applications from a desktop.

Capable of monitoring proprietary and commercial desktop apps on both on-premise servers and cloud/SaaS apps.



#### mASM

Mobile ASM that emulates a user executing business transactions on physical mobile terminals.

Capable of monitoring Native Apps, Hybrid Apps, Web Apps through a mobile browser.



#### ASM Portal

Control Panel via web for Monitoring and Troubleshooting

Disponibilidad						
Test	Estado	Última Ejecución	Última hora	Hoy	Mes	Tiempo Visualización
HBAQ01-01_Compas_Empresas_Chrome	✓	2019-10-29 15:11:10.0	100%	100%	100%	0:07
HBAQ01-02_Tour_Probleta_Chrome	✓	2019-10-29 15:10:00.0	100%	100%	100%	4:50
HBAQ01-03_MM10M	✓	2019-10-29 15:10:00.0	100%	100%	100%	2:08
HBAQ01-04_Compas_Noticias	✓	2019-10-29 15:10:00.0	100%	100%	100%	5:71

Disponibilidad						
Test	Estado	Última Ejecución	Última hora	Hoy	Mes	Tiempo Visualización
HBAQ01-01_Compas_Empresas_Chrome	✓	2019-10-29 15:11:10.0	100%	100%	100%	0:07
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HBAQ01-03_MM10M	✓	2019-10-29 15:10:00.0	100%	100%	100%	2:08
HBAQ01-04_Compas_Noticias	✓	2019-10-29 15:10:00.0	100%	100%	100%	5:71

Disponibilidad							
Test	Ver log	Estado	Última Ejecución	Última hora	Hoy	Mes	Tiempo Visualización
HBAQ01-01_Compas_Empresas_Chrome	📄	✓	01-04-2020 11:18:10	100%	100.00%	100.00%	0:07
HBAQ01-02_Tour_Probleta_Chrome	📄	✓	01-04-2020 11:18:10	100%	100%	100%	4:50
HBAQ01-03_MM10M	📄	✓	01-04-2020 11:18:10	100%	100%	100%	2:08
HBAQ01-04_Compas_Noticias	📄	✓	01-04-2020 11:18:10	100%	100%	100%	5:71

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HBAQ01-01_Compas_Empresas_Chrome	📄	✓	01-04-2020 11:18:10	100%	100.00%	100.00%	0:07
HBAQ01-02_Tour_Probleta_Chrome	📄	✓	01-04-2020 11:18:10	100%	100%	100%	4:50
HBAQ01-03_MM10M	📄	✓	01-04-2020 11:18:10	100%	100%	100%	2:08
HBAQ01-04_Compas_Noticias	📄	✓	01-04-2020 11:18:10	100%	100%	100%	5:71



#### Monitoring



User experience metrics



Continuous monitoring and sending of alerts in real time





Detection of any type of error in the execution of the circuit



Reporting and dashboards for real-time analysis



## Troubleshooting Diagnostic information

- Screenshot of the error
- Capture with the expected image
- Capture with the screen before the error
- Capture with HTTP/HTTPs traces
- Navigation traces (object waterfall)
- Mobile device trace capture (Android only)



GET flexslider.css	200 OK	1.5 KB	50ms
GET underscore-min.js	200 OK	4.9 KB	100ms
GET jquery-1.9.1.min.js	200 OK	32 KB	259ms
GET jquery.flexslider.js	200 OK	11 KB	112ms
GET styles.css	200 OK	3 KB	57ms
GET normalize.css	200 OK	2.5 KB	50ms
CONNECT rssapps.lacaixa.es:443	200 Connection Er	733 B	213ms
http://rssapps.lacaixa.es:443	200 Connection Er	733 B	205ms
CONNECT rssapps.lacaixa.es:443	200 Connection Er	733 B	201ms
GET moment-with-langs.min.js	200 OK	36.4 KB	266ms
GET caicatv.js	200 OK	4.9 KB	107ms
CONNECT s-static.ak.facebook.com:443	200 Connection Er	695 B	75ms
GET wjDNIDRFTQG.js?version=41	200 OK	10.8 KB	17ms
GET preloader_2.gif	200 OK	4.7 KB	56ms
CONNECT www.facebook.com:443	200 Connection Er	695 B	86ms
CONNECT rssapps.lacaixa.es:443	200 Connection Er	733 B	202ms
GET ping?client_id=979296492091416&domain	200 OK	331 B	81ms
CONNECT rssapps.lacaixa.es:443	200 Connection Er	733 B	205ms
GET json.php?lang=es&id=1446078878587	200 OK	1.8 KB	262ms
GET favicon.ico	404 Not Found	243 B	58ms
CONNECT www.google.es:443	200 Connection Er	655 B	112ms
CONNECT rssapps.lacaixa.es:443	200 Connection Er	733 B	201ms
CONNECT rssapps.lacaixa.es:443	200 Connection Er	733 B	204ms
CONNECT rssapps.lacaixa.es:443	200 Connection Er	733 B	209ms
CONNECT rssapps.lacaixa.es:443	200 Connection Er	733 B	221ms
CONNECT rssapps.lacaixa.es:443	200 Connection Er	733 B	212ms
CONNECT rssapps.lacaixa.es:443	200 Connection Er	733 B	208ms
GET channels?key=Alza5yA4yOCqJAn7cNgC-B	200 OK	1.4 KB	111ms

## Application Status Monitor (ASM)

Ensure the proper functioning of your web, client/server, mobile, SaaS/Cloud applications at all times.

