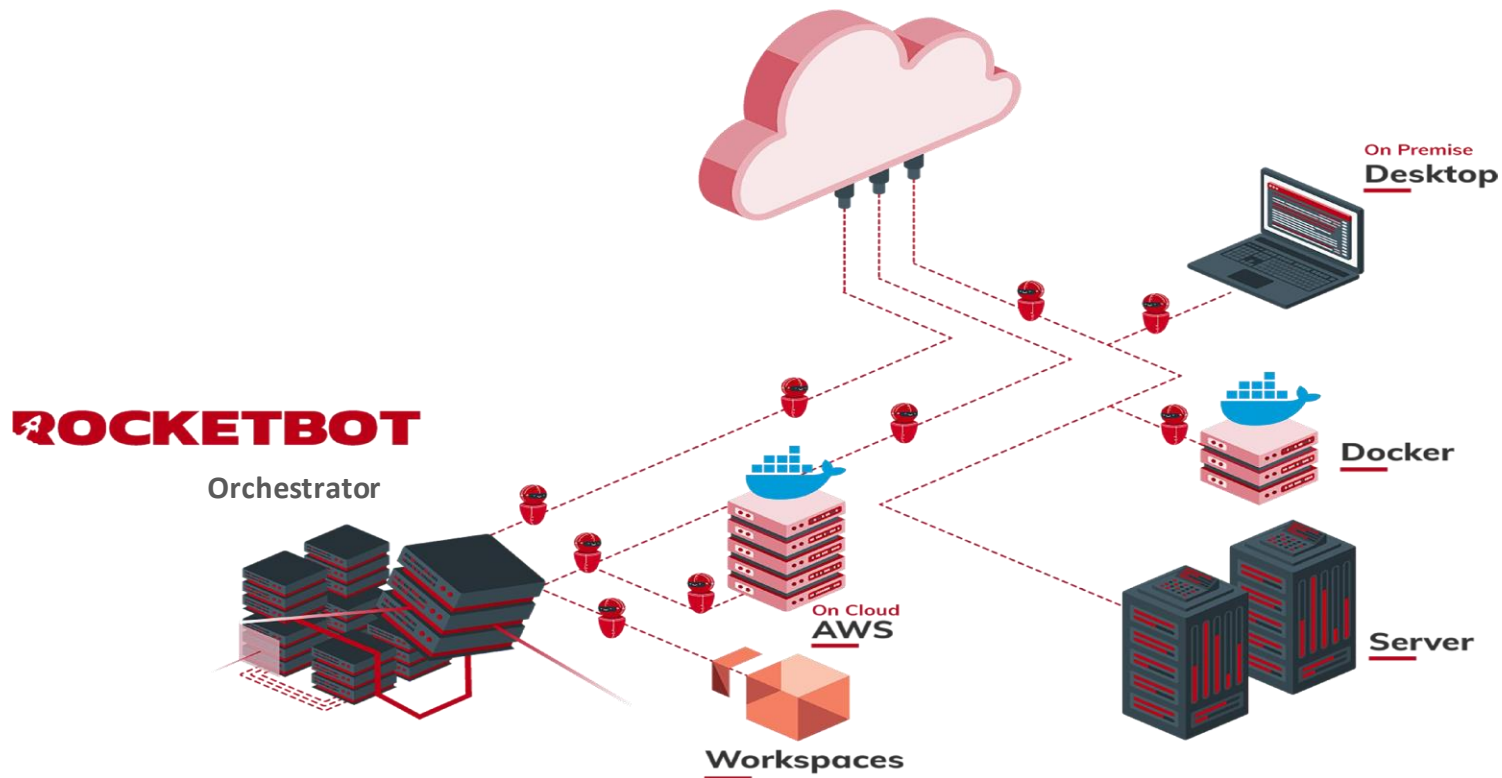




ROCKETBOT

FREED UP TIME FOR WHAT REALLY MATTERS

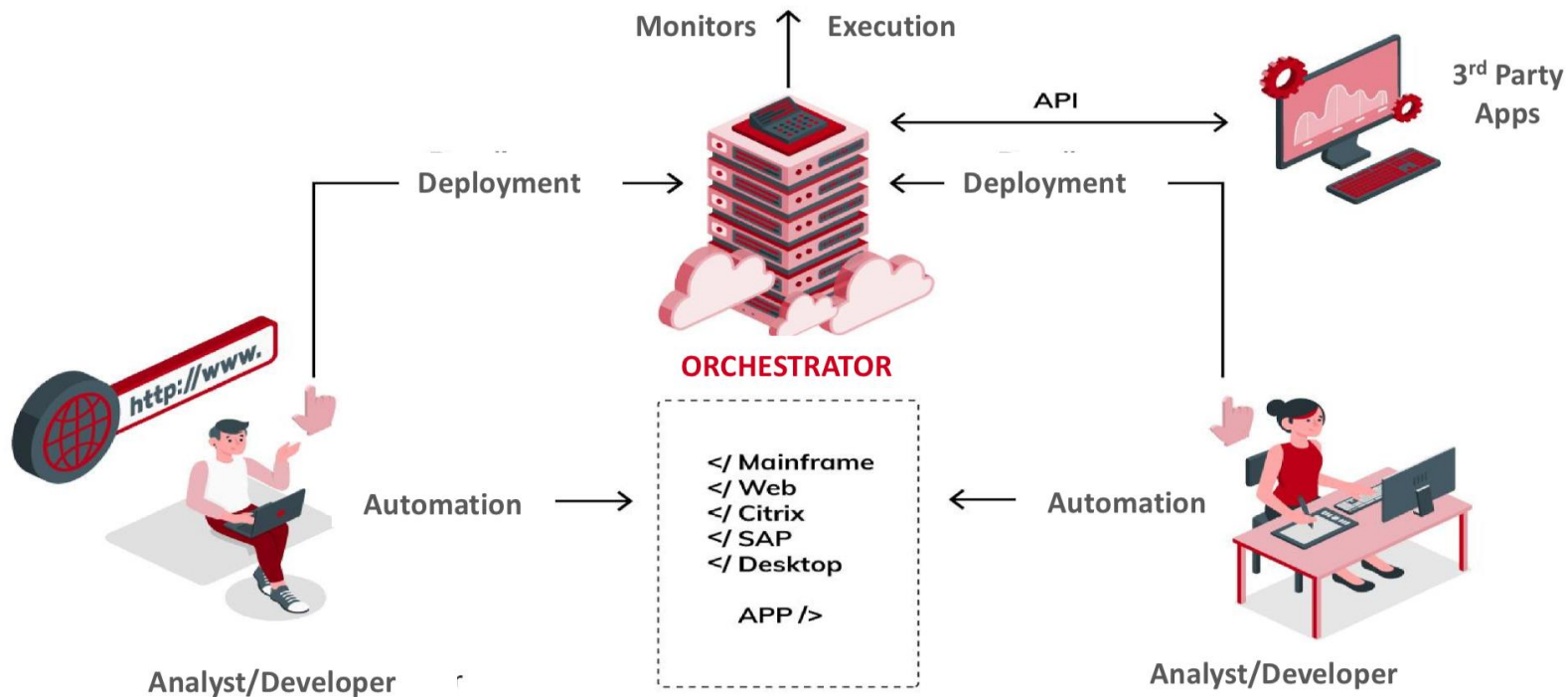
Overview

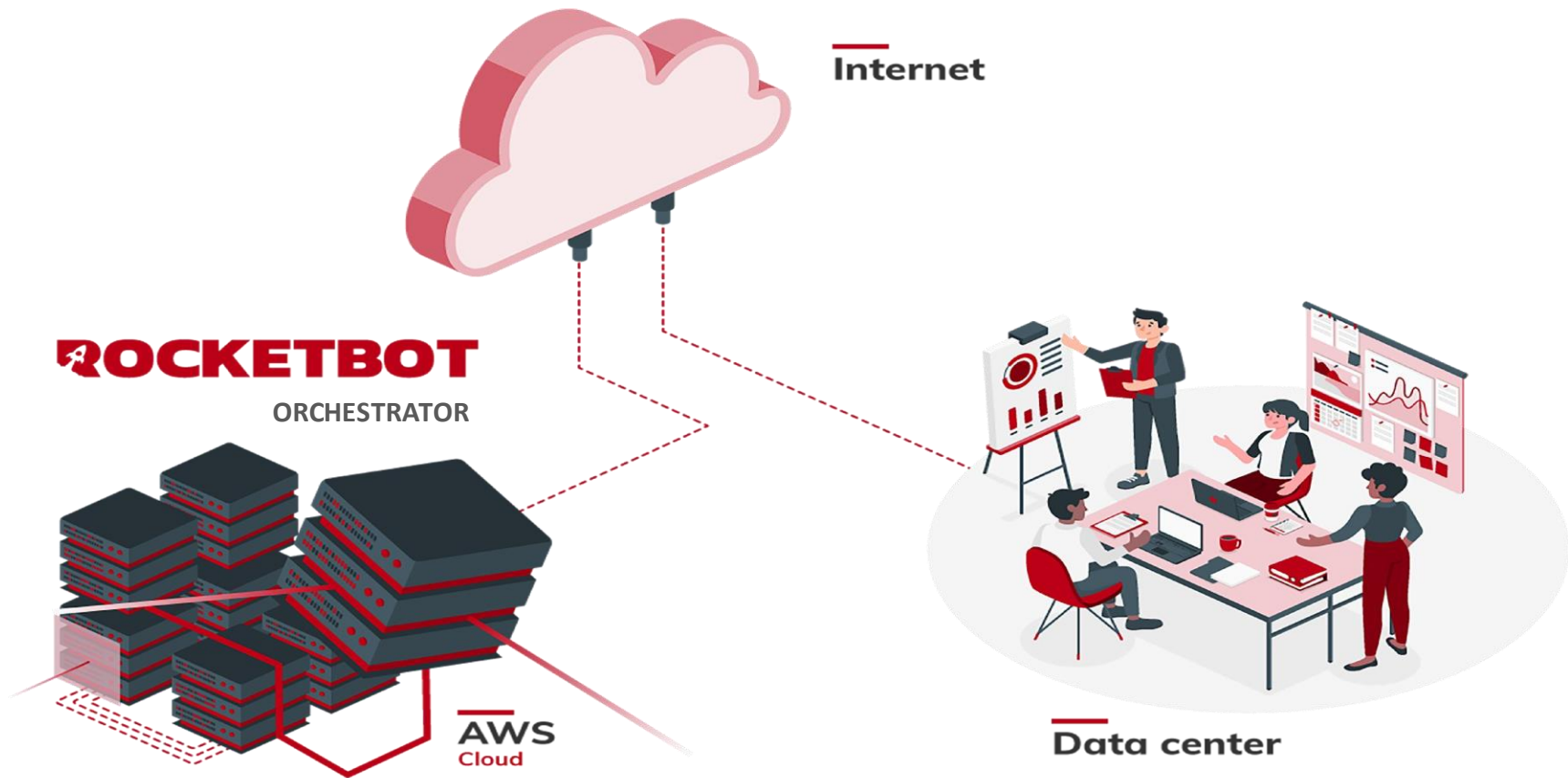


Attended Robots



Unattended Robots

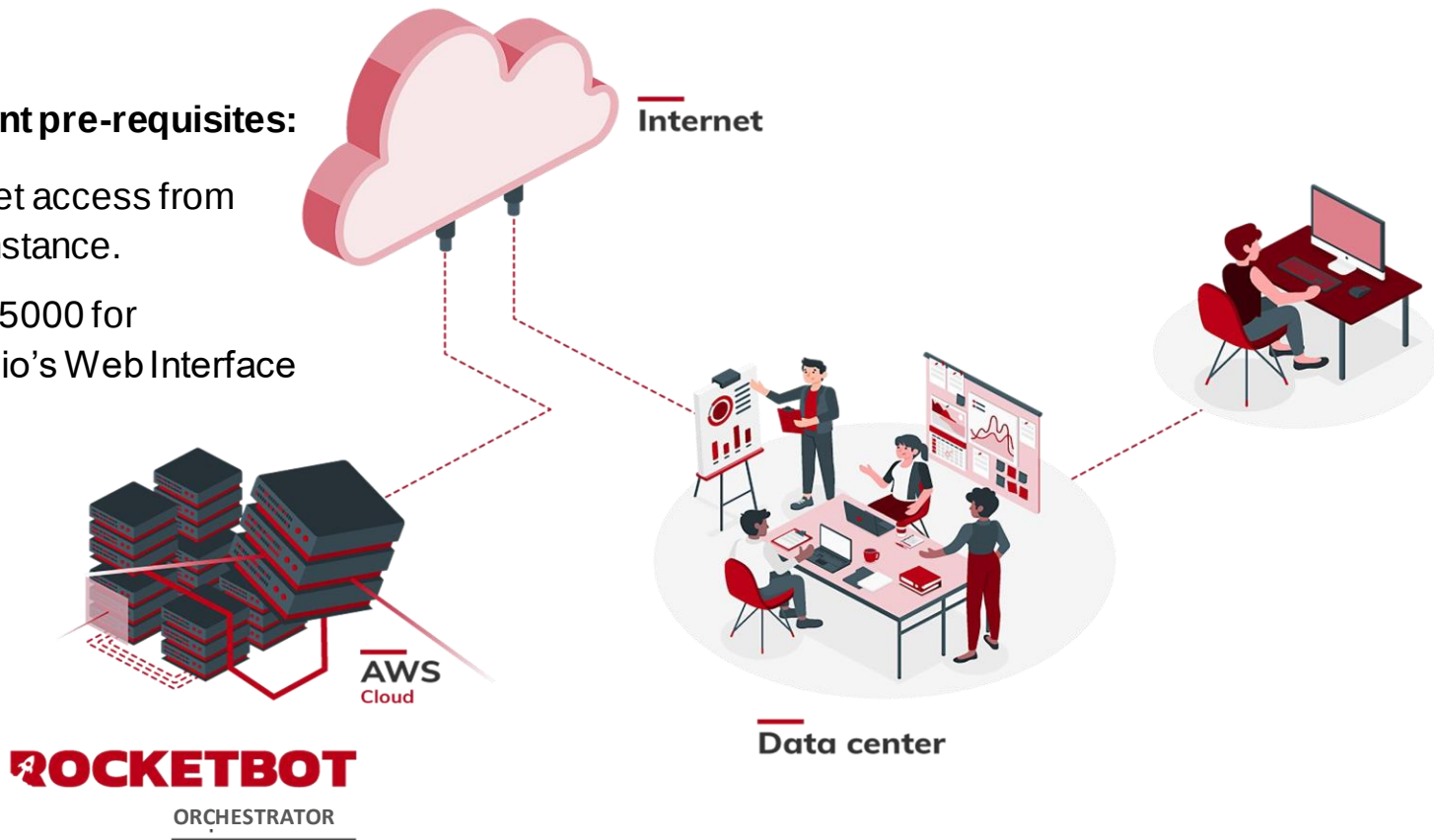




Bot-to-Orchestrator Connection: Enable connection to https://*.myrb.io from the Bot's instance.

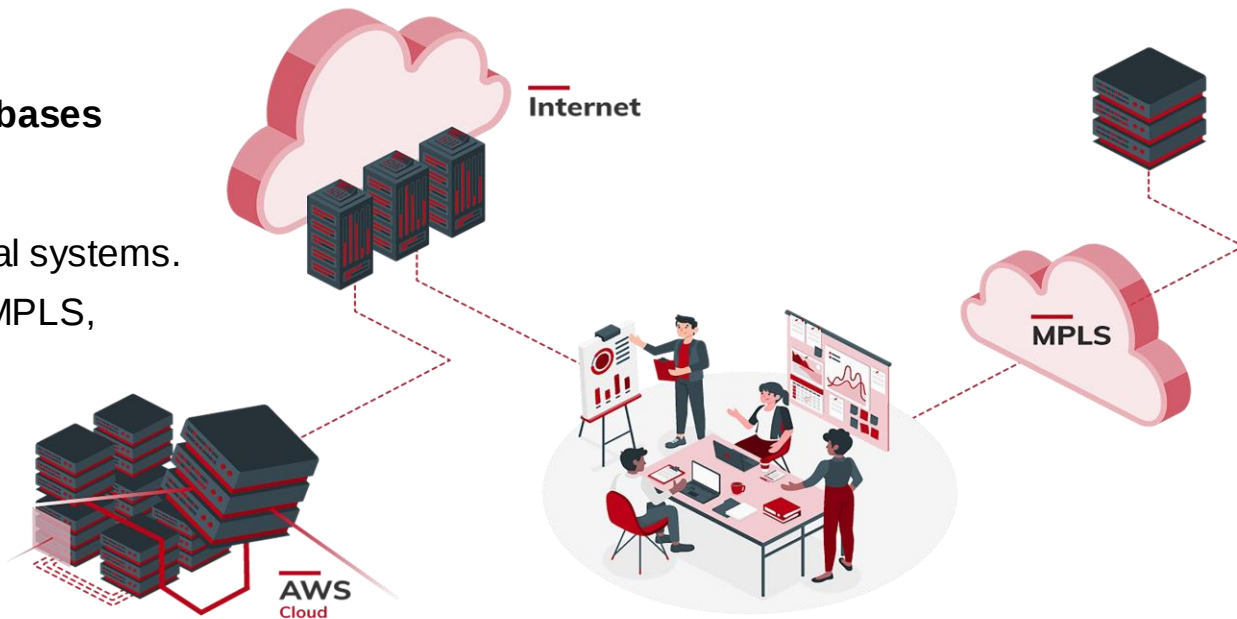
BOT Development pre-requisites:

- 1.- Allow Internet access from Development instance.
- 2.- Enable port 5000 for Rocketbot Studio's Web Interface



For BOT interaction with Databases or 3rd Party Software

- 1.- Internet access for external systems.
- 2.- LAN Access, via VPN or MPLS, for internal systems.



Rocketbot Play

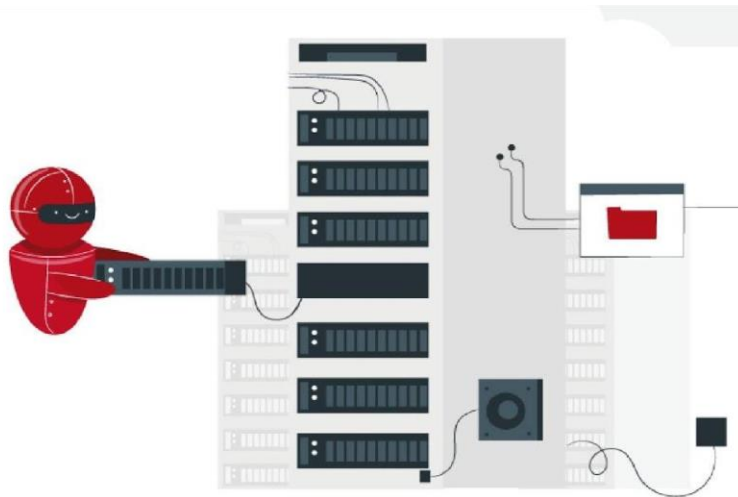
Executes Rocketbot BOTS either one command at a time or the entire BOT.

Executes from a BOTS an encrypted database or exported to JSON.

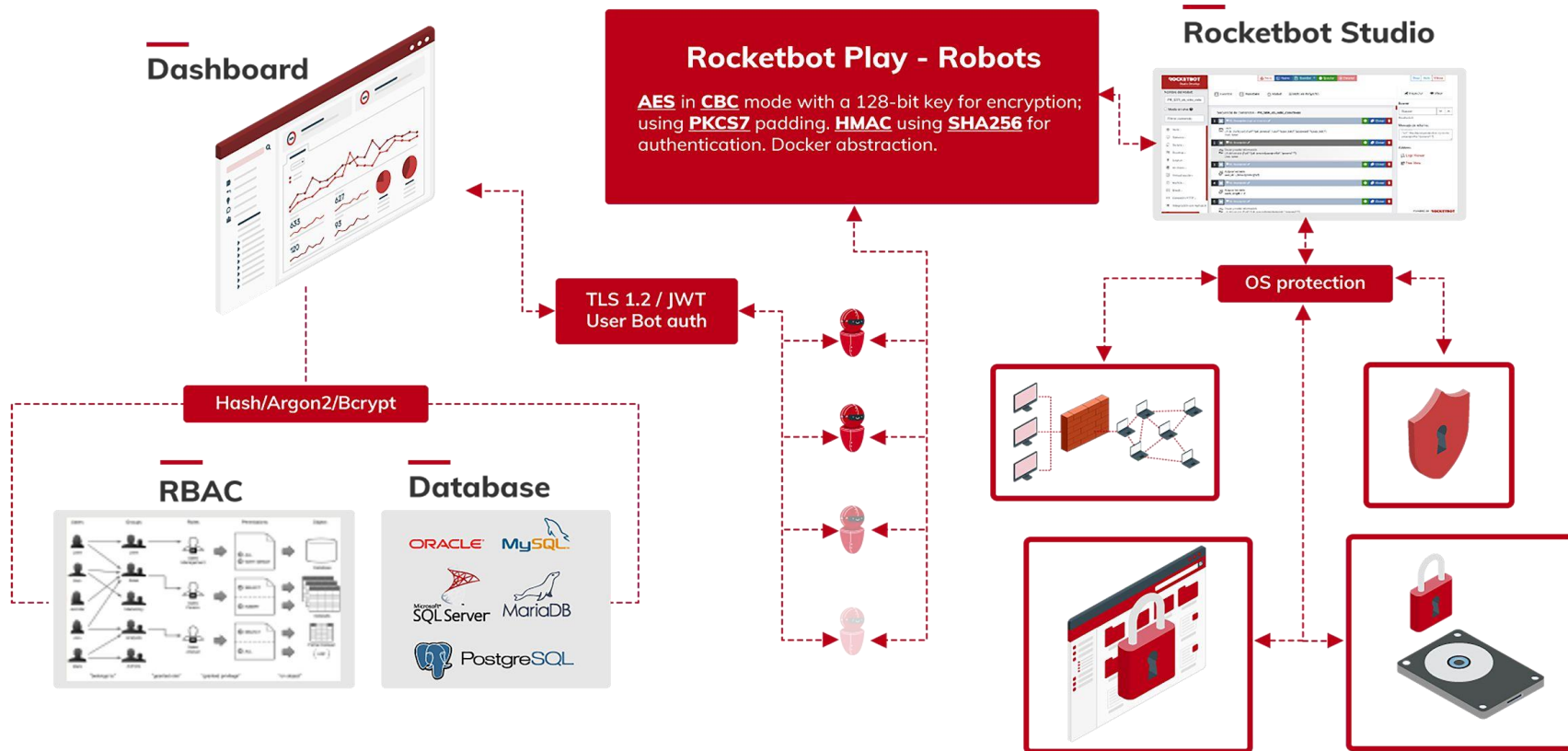
BOTS are encrypted by AES mode CBC with a 256 bits key and PKCS7. HMAC using SHA256 for authentication, or JSON text.

Passwords must be stored in the Dashboard.

BOTS connect to Dashboard for authentication purposes and gets POST data with TLS1.2 and JSON web token.



Rocketbot Play



Operation

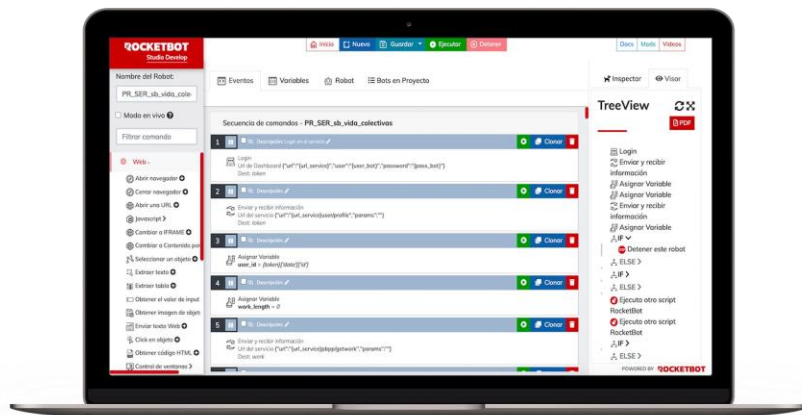
Web Platform to manage configurations, credentials and BOTS execution queues.

Under https TLS 1.2 protocol and sends data protected under JWT.

Credentials are encrypted and stored in a database (Mysql/SqlServer/Postgres).

Credentials encrypted via Hash Argon2 and bcrypt.

Access to the Dashboard components are controlled by RBAC (Role-Based Access Control), which allows to either perform actions or access the log upon Role definition.



Audit Logs

Rocketbot stores all BOT execution events prior and after command executions. Errors are also logged.

Log storage limits are based upon Operative system of choice. Logs could be stores either as plain text or in a database. Stored data are date, time, evento, command and errors.

```
05/31/19 16:14:23: request: services.rpalogic : evaluateIf - - {len_nombre} == 0
05/31/19 16:14:23: request: services.rpaweb : clickWeb - id - frmTerceroNatural:guardar2
05/31/19 16:14:23: request: services.rpaweb : waitforobject - class - {"object":"rf-st-
start","wait_for":"not_visible","wait_time":"300","before":"2","after":"1"}
05/31/19 16:14:26: request: services.rpaweb : execJs - -
ManageTabPanelDisplaydvRiesgo('tabldvRiesgofocus','content1dvRiesgo','tab0dvRiesgoready')
document.getElementsByName("formaDatosVariables:dvRiesgo_1_0")[0].onfocus();
setTimeout(function(){
    document.getElementsByName("formaDatosVariables:dvRiesgo_1_0")[0].value = "{vr_asegurado_basico}";
    document.getElementsByName("formaDatosVariables:dvRiesgo_1_0")[0].onchange(
    },100)
```

Rocketbot Orchestrator BOTs Execution Status

Monitors Instances and Bot execution.

Controls and displays:

- Instance type.

- RAM usage

- CPU usage

- Storage space usage.

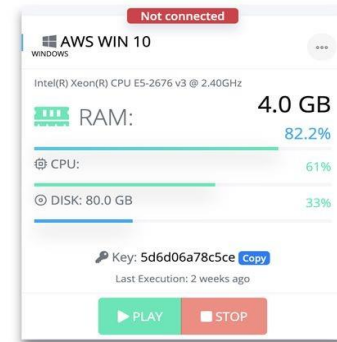
- Connection status

- Trigger and stop BOTs execution

- Access Logs in real time.

- Obtener log de ejecución en tiempo real.

- Launch and get data from instances in real time.



BOTS-Instances Communication is done through the Orchestrator Client.

Rocketbot's Cloud Orchestrator requires a connection to <https://roc.myrb.io>

Assets and Forms allow to send input data to BOTs. Data can be either dynamic (forms) or static (assets). Data is encrypted while transferred over:

- Protocol https TLS1.2
- In-transition data protected with JWT.
- Credentials encrypted and stored in the database Mysql/SqlServer/Postgres) by Hash Argon2 y bcrypt.
- Each form data-set is related to a status, modified or processed.
- Assets could be defined by instance or project.
- Forms are editable.
- Forms could be for public or private use upon RBAC control.

Edit Form

test1

Add element Save

Elements:

Nombre

Apellido

The background is a dark, textured surface with a fine grid pattern. On the left, there are several out-of-focus, colorful bokeh shapes in shades of red, blue, and white. On the right, there are several 3D geometric shapes, including a large red cube and a smaller red cube, both with a slight glow. A thin, curved red line runs along the bottom right corner, ending in a small red hexagon.

ROCKETBOT

FREEING UP TIME FOR WHAT REALLY MATTERS