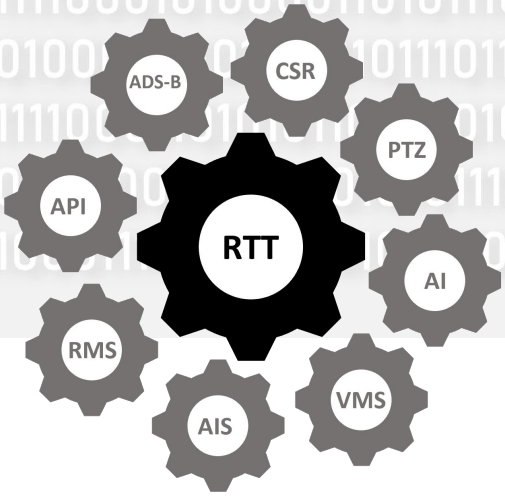
Securify



RTT™ - integration mediator

Enables mission critical features

The name of the software platform that we call the RTT is an abbreviation of Ratatosk who is a squirrel that runs up and down the world tree Yggdrasil to carry messages between the eagles perched atop Yggdrasil, and the serpent, who dwells beneath one of the three roots of the tree. Fast and accurate message handling was critical then as well as today's digitized world.

To be able to do 3rd party integration to the SpotterRF radar management server, NetworkedIO (NIO). Therefore Securify decided in early 2019 to begin development of a flexible and scalable software platform that is shipped as a bunch of Docker containers.

The preferred host OS is Ubuntu 22.04LTS. The host hardware is depending on the number and type of services.

The typical installation is that the Docker host is a virtual machine that runs on either Windows or Linux.

RTT fw 1.4 supports following integrations:

- Axis radar [D2110-VE]
- EchoDyne radar [EchoGuard]
- AIS receiver [Digital Yacht AISNET]
- Video Analytics logic [Ultinous U-alarm]
- Securify Blända [modified Axis Q6215-LE]
- Smooth-cueing

RTT Roadmap:

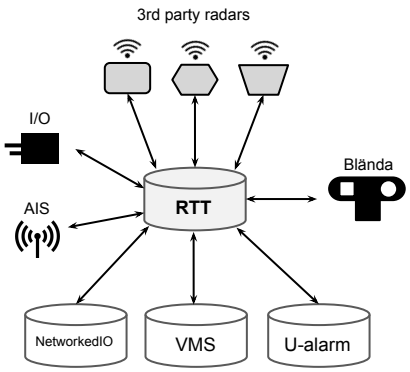
- Commercial navigation radar [such as Furuno, Raymarine and Simrad]]
- Smooth-cueing support for BOSCH

The system components are:

- Docker [container platform]
- RabbitMQ [workqueue]
- InfluxDB [time series db]
- Anvil Works [web server platform]

Except the server containers the different integrations are python workers and each worker run as a Docker containers.

The RTT also makes it easy to make other 3rd party integrations and project adjustment.



For easy installation we deliver the containers as a Docker Compose configuration file and host the Docker Registry @Securify premise.

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