The Things Summer Academy
MQTT & HTTP Integrations

Timetable

00:00	**Intro**	5m
00:05	**The what & why of integrations**	10m
00:15	**MQTT with Python3**	20m
00:35	**MQTT Practical**	30m
01:05	**HTTP with PHP**	20m
01:25	**HTTP Practical**	30m
01:55	**Extracting values from the JSON**	5m
02:00	**JSON Practical**	15m
02:15	**Thinking of the Hackathon**	5m
02:20	**General Q&A**	10m
02:30	**Finish and then specific Q&A**	

Resources

The files:

https://github.com/descartes/TheThingsStack-Integration-Starters

The training servers for webhooks:

- https://eu1.ttsa.descartes.net
- https://nam1.ttsa.descartes.net
- https://au1.ttsa.descartes.net

Please choose the server matching your region for the fastest access.

Documentation!

https://www.thethingsindustries.com/docs/

MQTT: https://www.thethingsindustries.com/docs/integrations/mqtt/
HTTP/Webhooks: https://www.thethingsindustries.com/docs/integrations/webhooks/

THE THINGS NETWORK | LoRaWAN
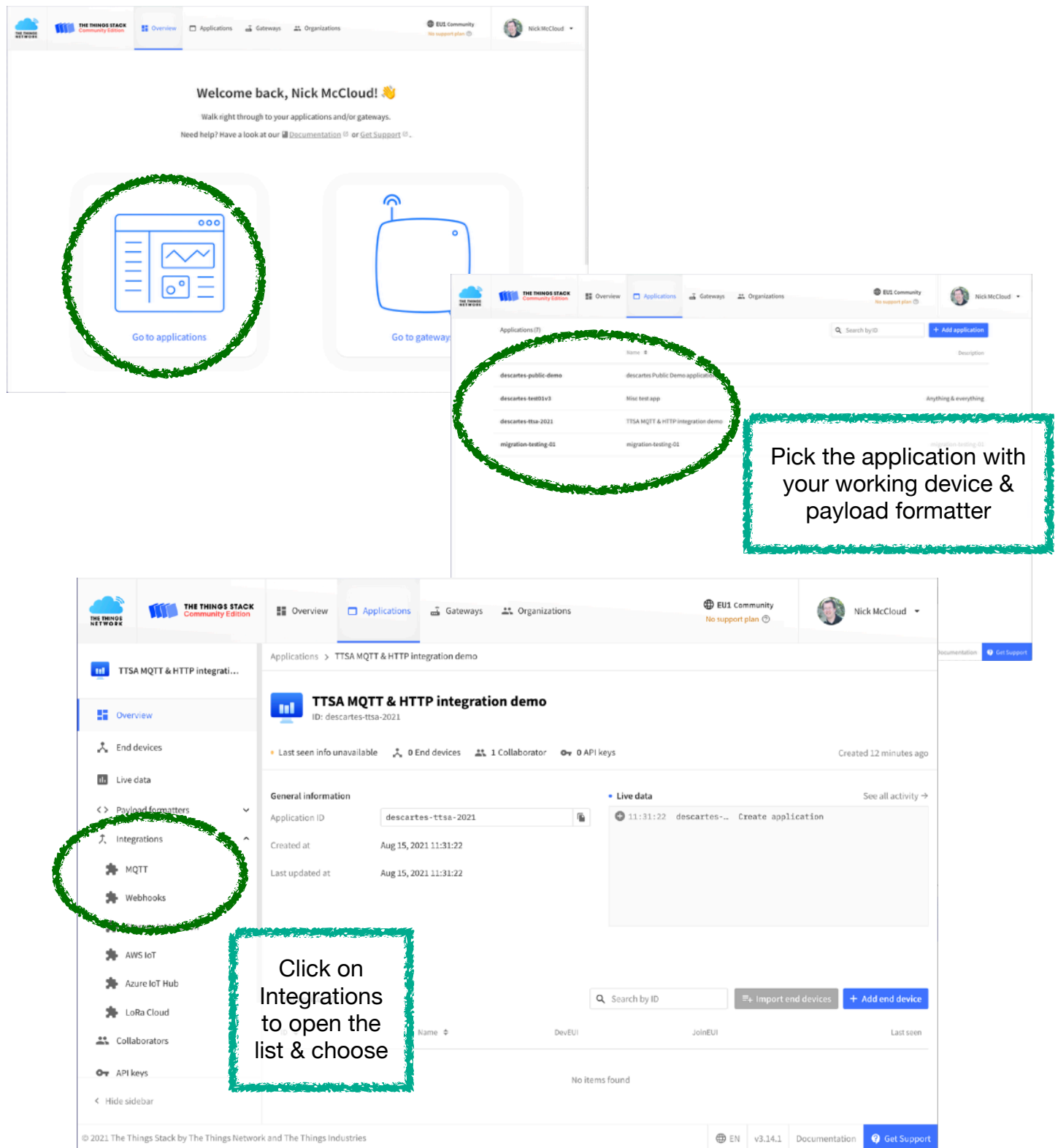
Quick screen shot guide to the console integrations

Pick the application with your working device & payload formatter

Click on Integrations to open the list & choose