

Eclipse IoT

Open Source – Cloud to Edge

Jens Reimann

- At Red Hat
 - Principal Software engineer
 - Middleware / Messaging / IoT
- At Eclipse Foundation
 - Eclipse IoT co-lead
 - Comitter on: Hono, Kapua, Kura, Milo, ...



@ctron

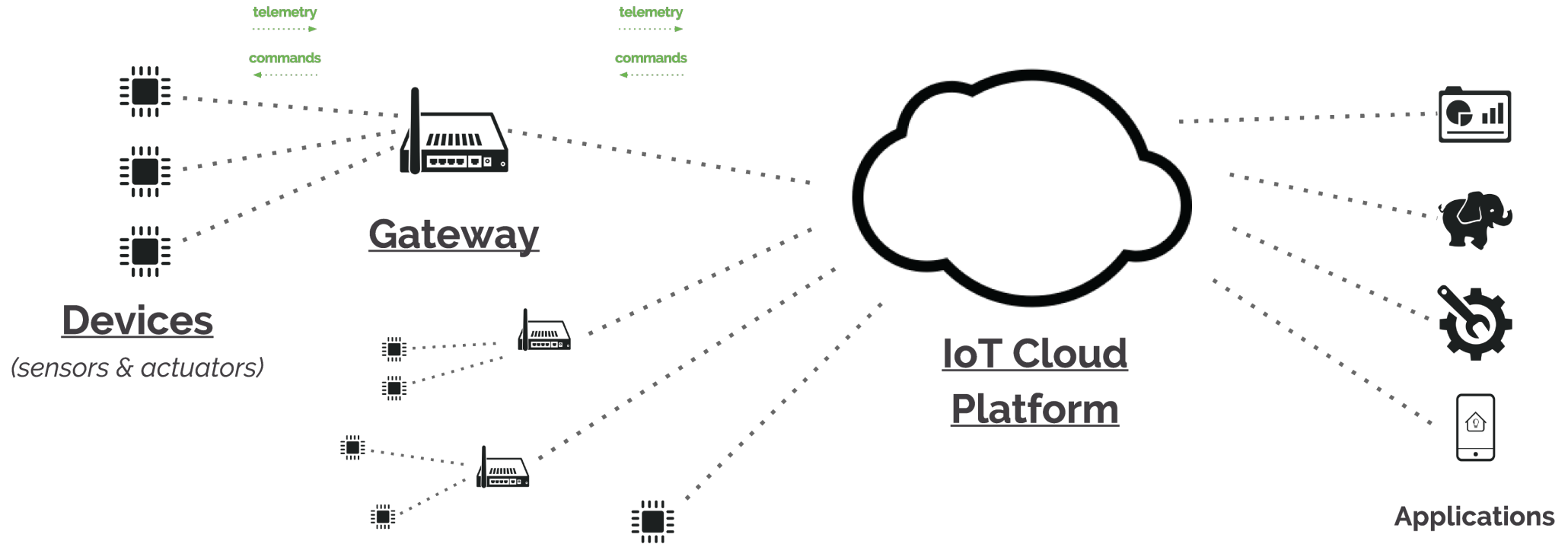


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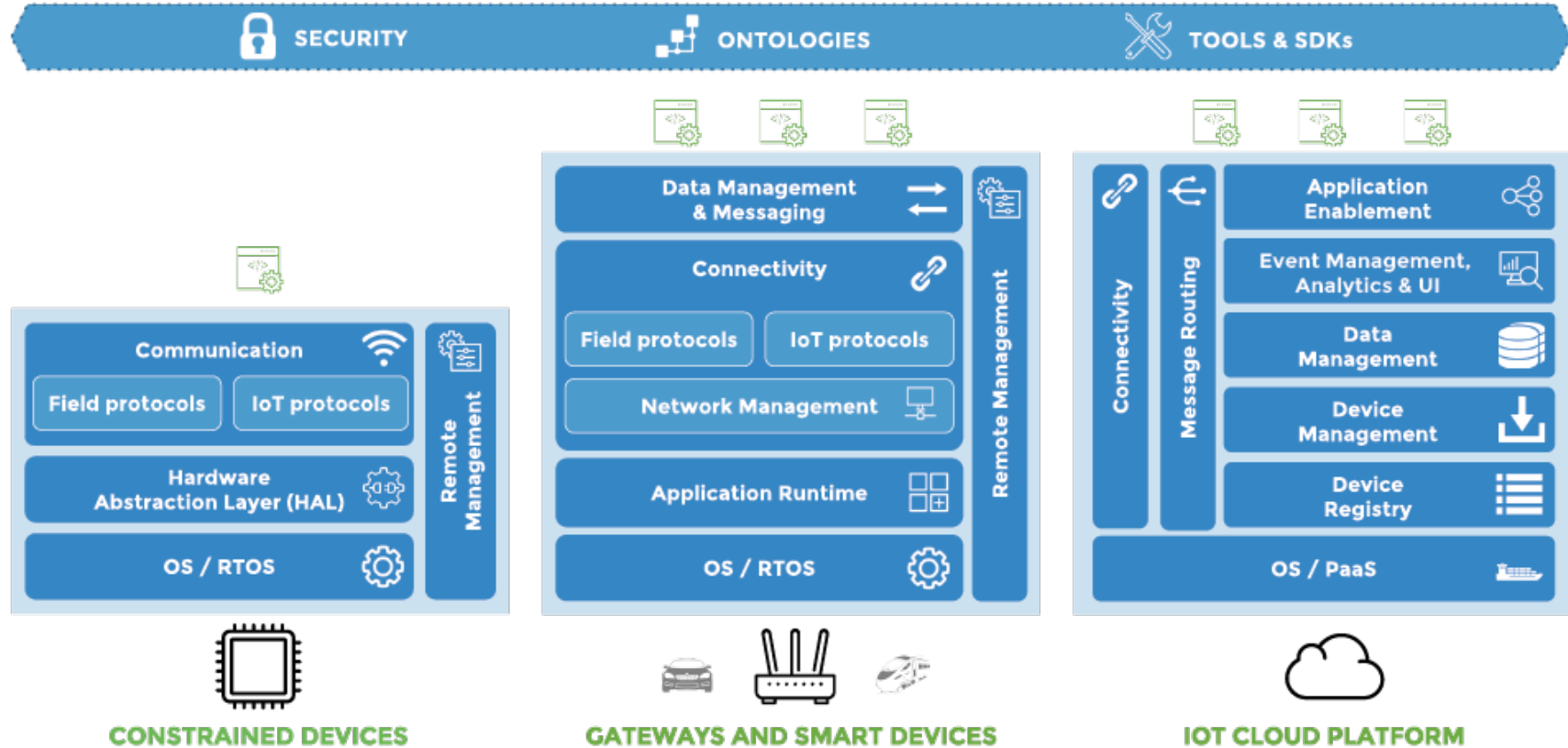


<https://dentrassi.de>

Three Stacks for IoT



Three Stacks for IoT



Open source doesn't come for free

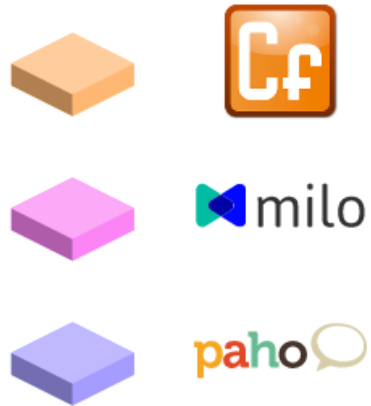
- **Engage** the community, or build one
- **Contribute**: docs, ideas, code, ...
- Become a member, **steer** the project together

Eclipse Foundation

- Foundations help keeping the balance
- Give a framework for working together
- It is all about project governance

Eclipse IoT

- Parent project for IoT projects
- ~40 projects
- Building blocks & full stack applications
- Not an integrated solution
- And there is the “Eclipse IoT Working Group”



A Demo – Kura & Hono

Eclipse Kura
<<IoT Gateway>>

Eclipse Hono
<<IoT Messaging>>

EnMasse
<<MaaS>>

Apache Camel
<<Routing>>

Apache Kafka
<<Streaming>>

“Demo Gauge”
<<Frontend>>



Thank you

Questions?