Technical details

Grant agreement: 688467

Open virtual neighbourhood network to connect intelligent buildings and smart objects

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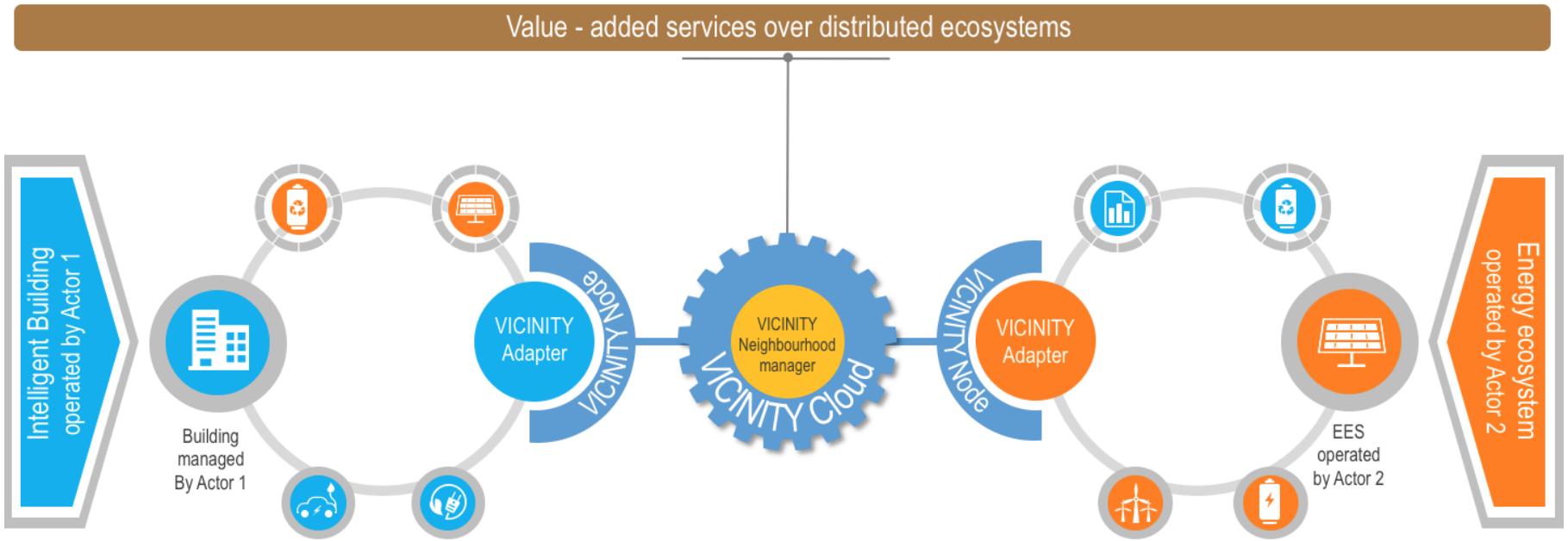
VICINITY Peer-to-peer interoperability concept



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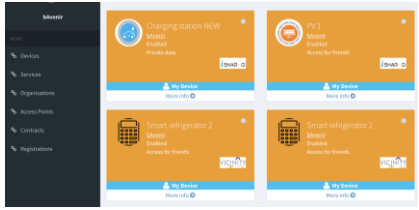
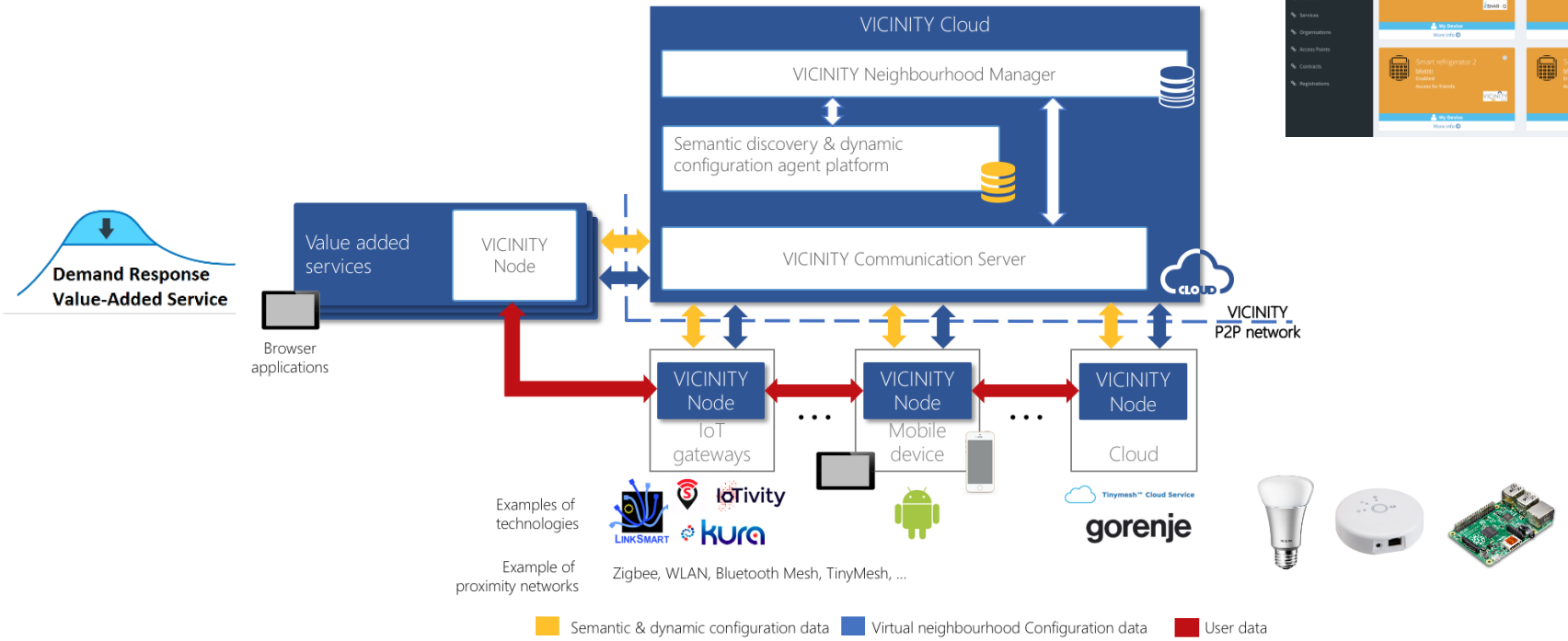
VICINITY Architecture overview





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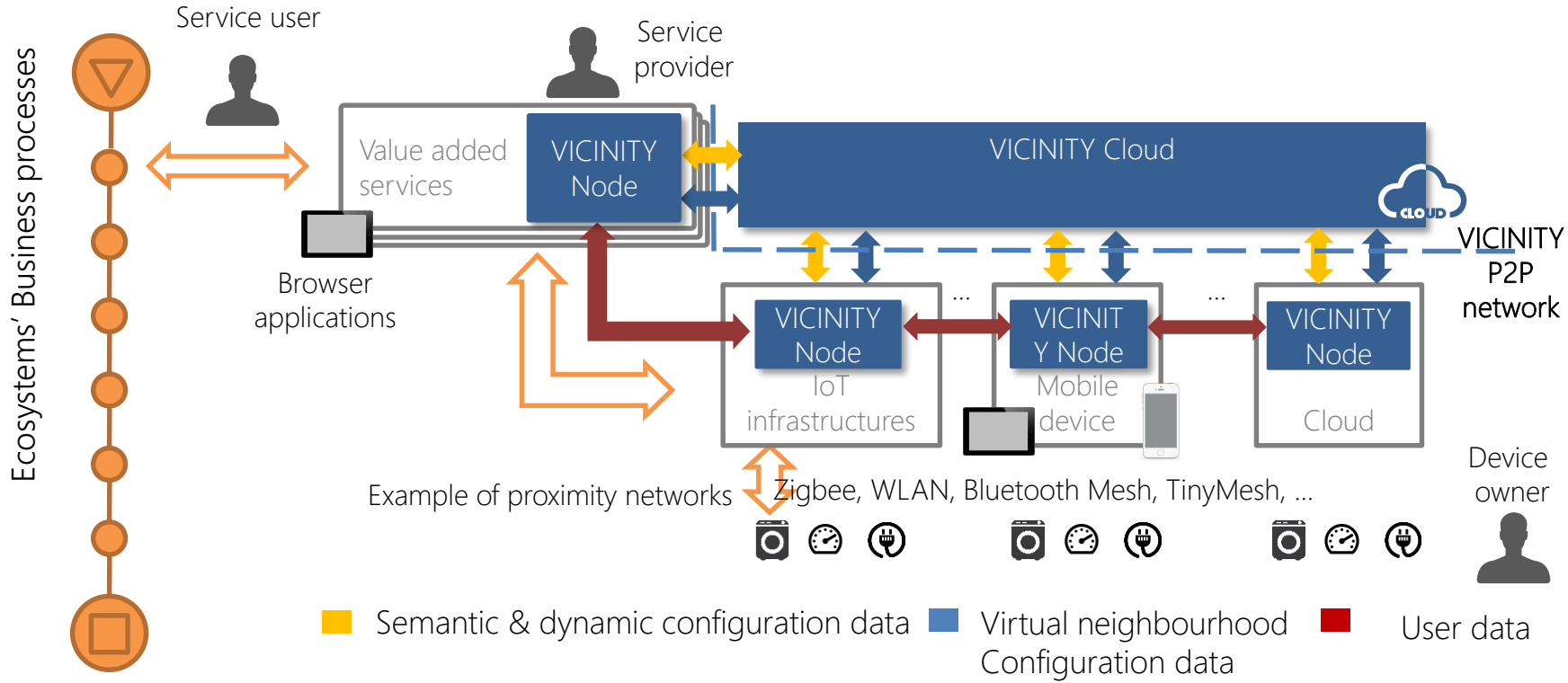
Value-added service logic is implemented outside of the VICINITY Code components.



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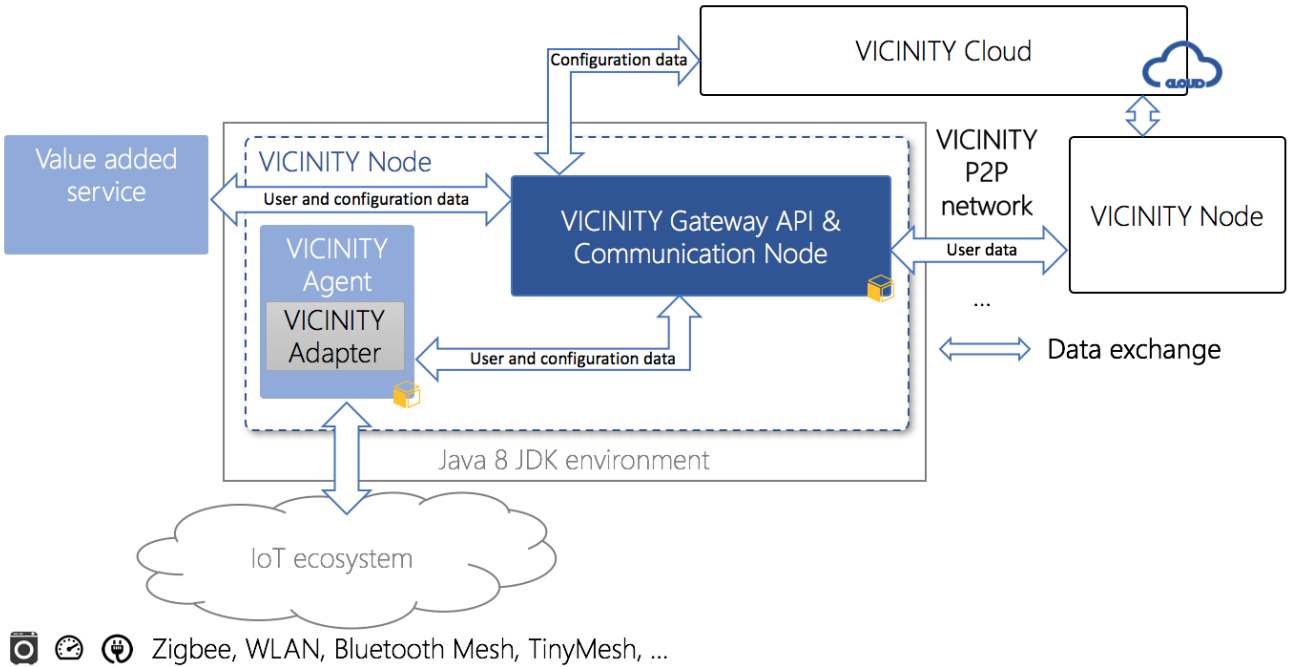
VICINITY is integrated through VICINITY Node into Value-added service ecosystem



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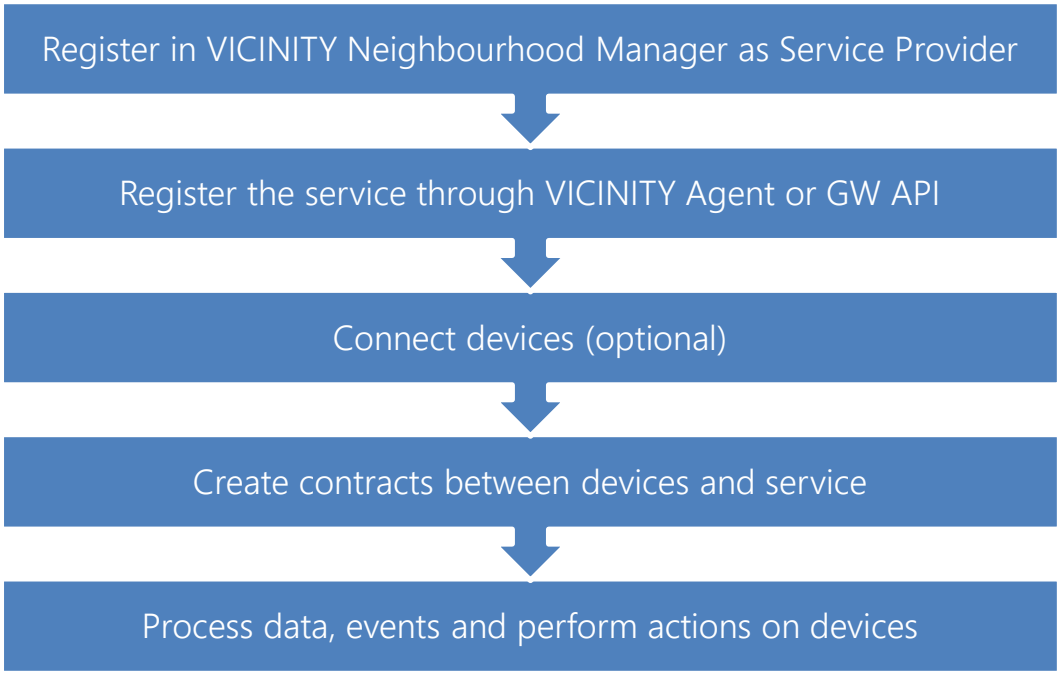
VICINITY Adapter using GW API and VICINITY Agent

- VICINITY Get started documentation:
  - https://vicinity-get-started.readthedocs.io/
  - https://github.com/vicinityh2020/vicinity-neighbourhood- manager
  - https://github.com/vicinityh2020/vicinity-agent
- VICINITY set of APIs:
  - https://vicinityh2020.github.io/vicinity-gateway-api
  - https://vicinityh2020.github.io/vicinity-neighbourhood- manager-api
  - https://app.swaggerhub.com/apis/intersoft.sk/vicinity-adapter/1.0.0

Connect Value-added service into VICINITY Platform



Support from consortium

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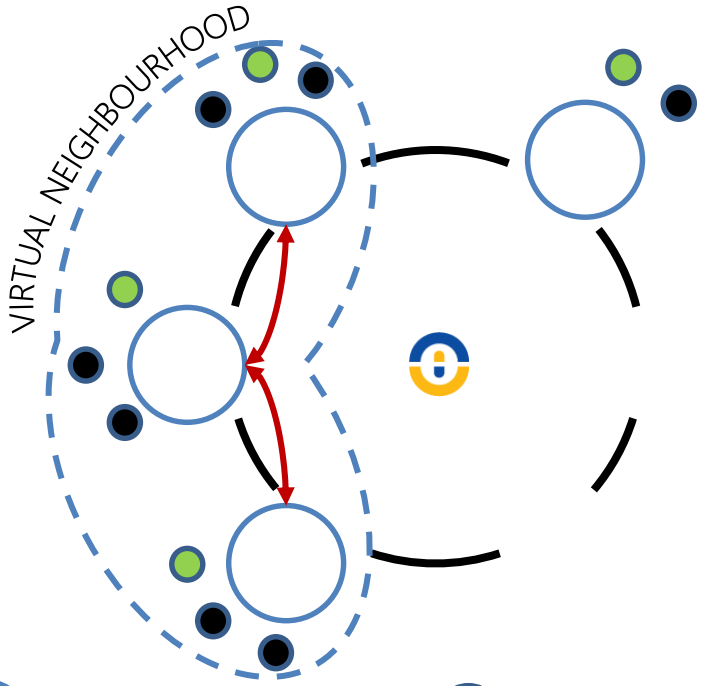
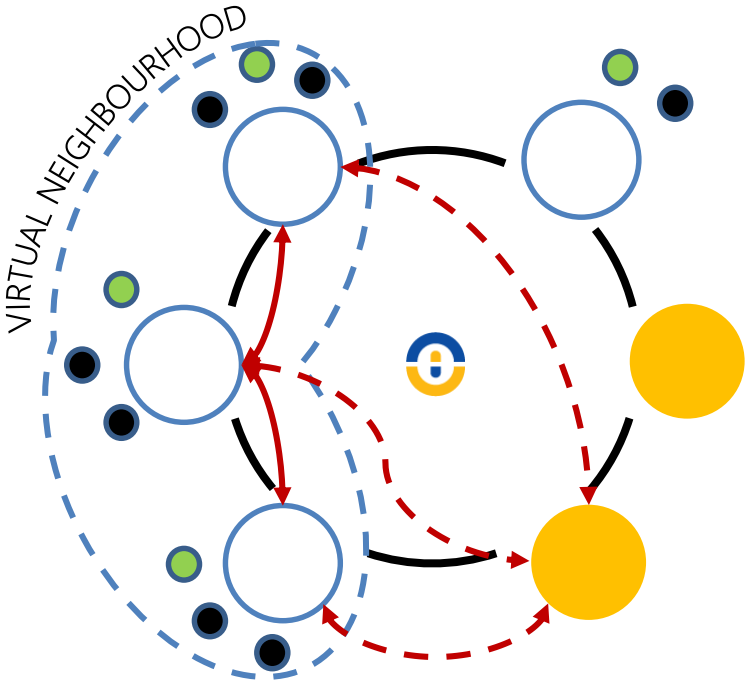
Virtual neighbourhoods and interaction with services and devices





IoT ecosystems

IoT Applications

Devices

Value added service

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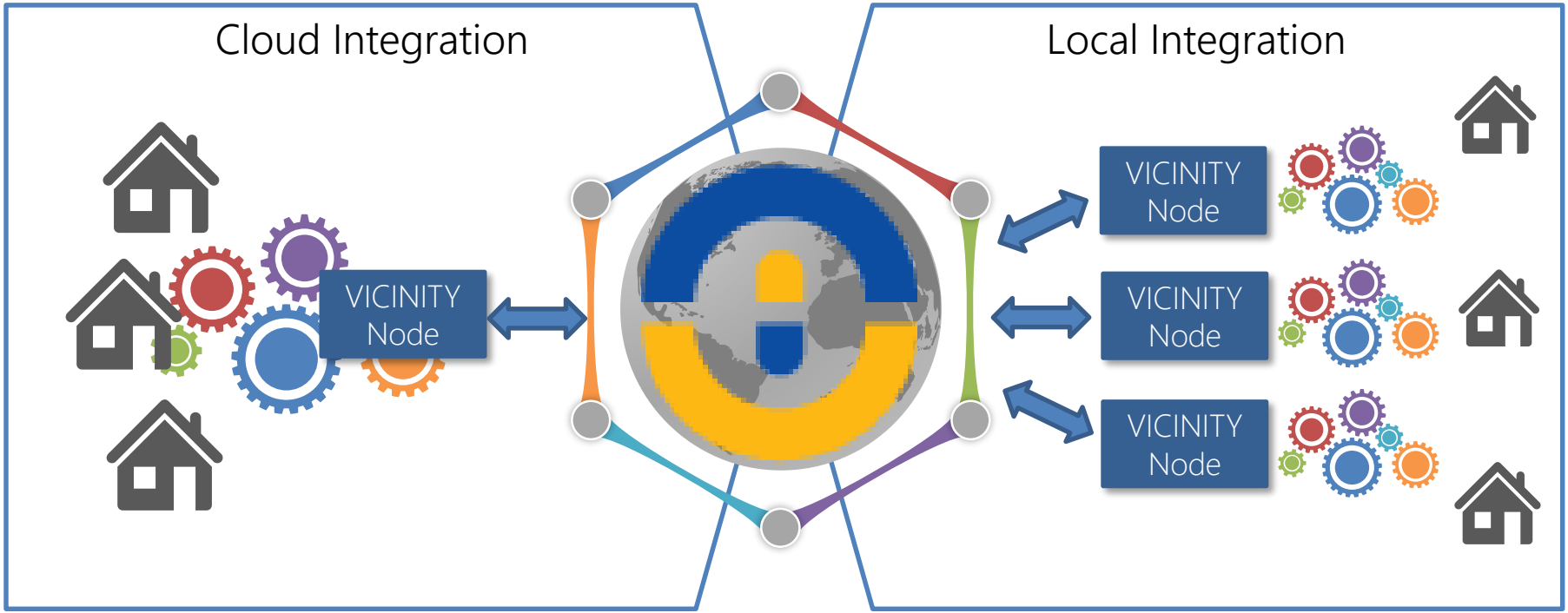
Connection of IoT infrastructure to VICINITY?



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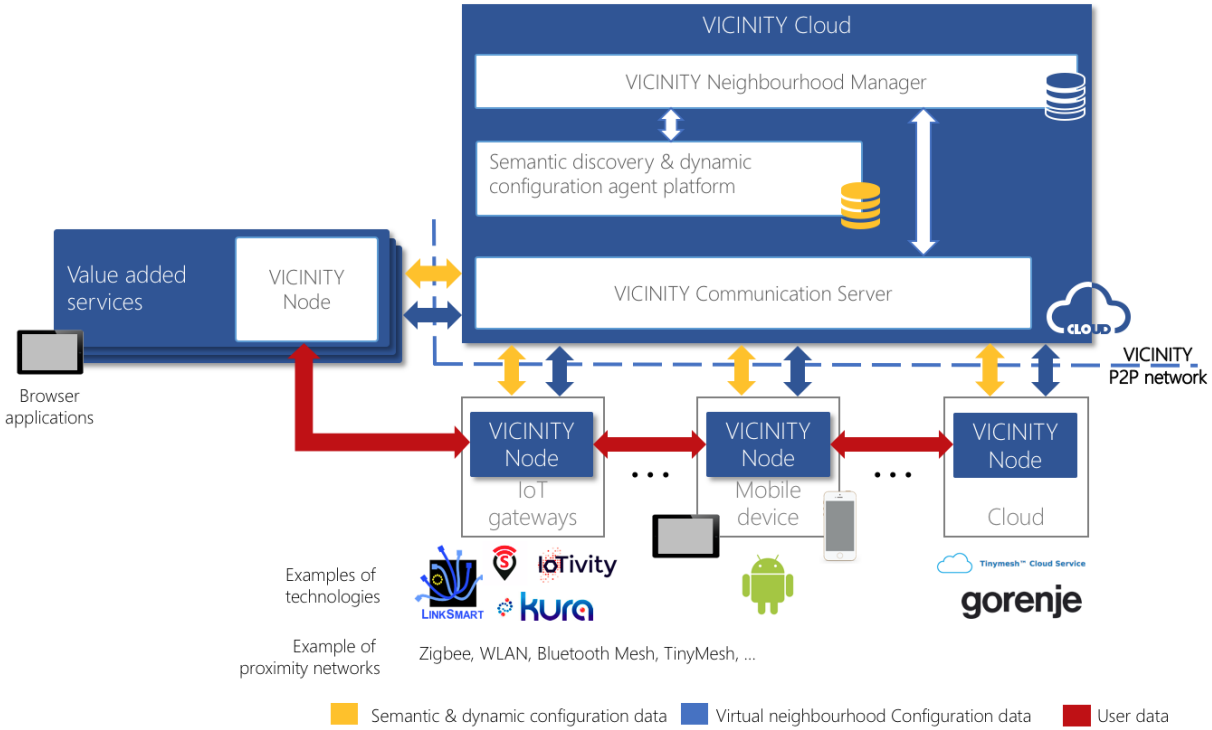
VICINITY System architecture



VICINITY 2020

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