



OMEC adoption puzzle

General challenges for Operator adoption

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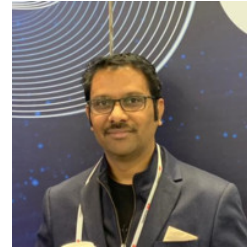
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Speakers



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Drivers for operators



Flexibility



Control



Frequent breakdowns



Next generation
/ unfulfilled Use Cases

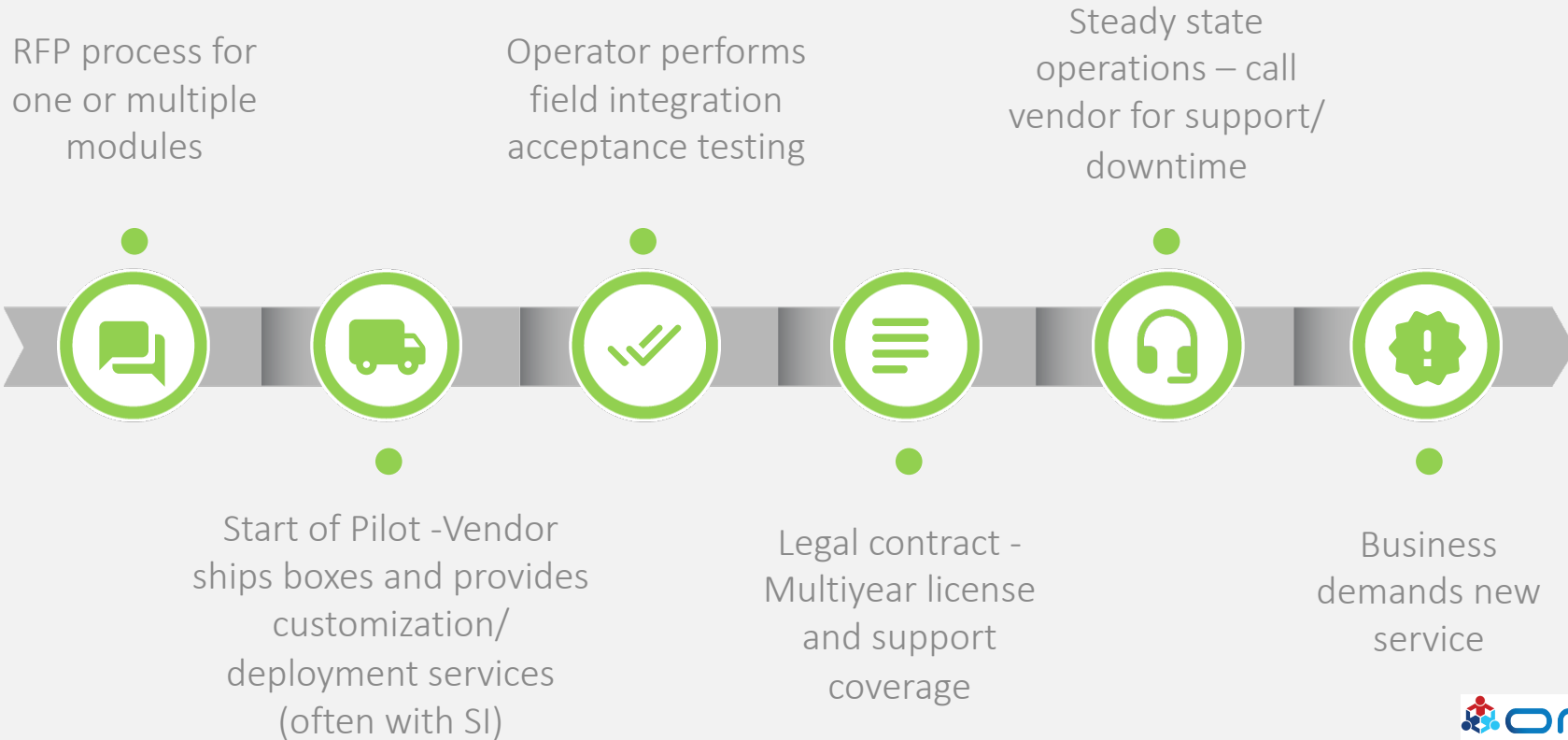


Cost



Changing eco system

Operator's journey today



Big question for decision makers?



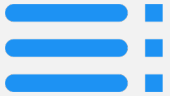
Buy

VS



**Adopt
(and build)**

Impact of buy vs build



Cultural and legal puzzle



Technology and testing
puzzle



Compliance and
operations puzzle

Cultural and legal puzzle



Technology and testing puzzle

- Standards based requirement and proprietary deviation
 - Complexities with nonstandard requirements
 - Backward compatibility – example support for both GTP-C v1 and GTP-C V2
 - Proprietary knobs – Configuration for operator specific interpretation of standards and proprietary requirements
 - Forward integration with 5G
 - Feature interpretation
- Performance expectations
- Failure modes and recovery
- Corner cases and evolving platform.
- Variety of use cases – IOT Core v/s Private LTE or converged core vs CBRS vs Satellite telephony etc.

OMECE: Orchestration puzzle

OMECE/Core deployment concerns



Security



Stability



Performance

Compliance and operations puzzle

- Dilemma of operational ease – Emulate vendor approach or simplify e.g. CLI
- Legal compliance with regulations. E.g.
 - Restoration, uptime
 - Lawful Intercept
- Deployment automation for a varied deployment scenario's
- Integration with monitoring solution
- Interoperability
 - Across other components
 - With important internal systems OSS, BSS, Management

Key success factors for OMEC pilot



Project Sponsor



**Clarity of operator's
driver for OMEC pilot**



**Education and expectation
management of various
stakeholders**



Thank you!

Follow Up Links:

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<https://github.com/omec-project>