

uptime

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# Mobile private networks at scale with end-to-end orchestration

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A highly favorable,  
lucrative business  
prospect awaits  
service providers



# Today's approaches for MPN deployment

## Driven by customer requirements

Unique projects

Dedicated team

Long lead times

Large investment

OR

## Driven by economies of scale

Managed service

Vendor specific

Little flexibility

No control

# What if we can make it really fly?

To offer flexible but cost-effective private networks in a scalable way



# Service orchestration for MPNs at scale

End-to-end automated MPNs

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End-to-end automated MPNs

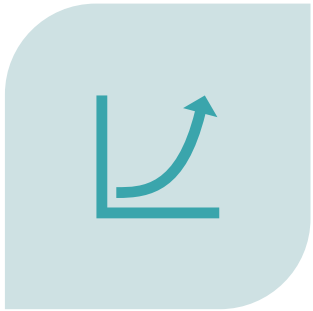
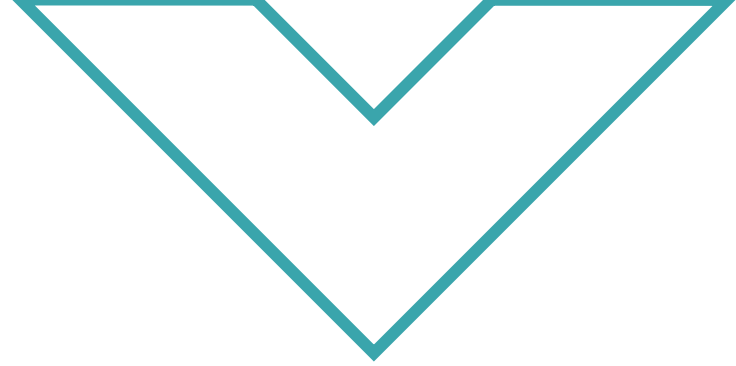
Safe & reliable maintenance & operations

# Service orchestration for MPNs at scale

End-to-end automated MPNs

Safe & reliable maintenance & operations

Open & flexible framework



**INCREASE  
SCALABILITY**



**SPEED UP  
DEPLOYMENTS**



**DECREASE LEAD  
TIMES**



**INCREASE  
SERVICEABILITY &  
RESILIENCE**



# Customer case

End-to-end orchestration of many small deployments of carrier-grade 5G MPNs for a private wireless operator

# Main challenges

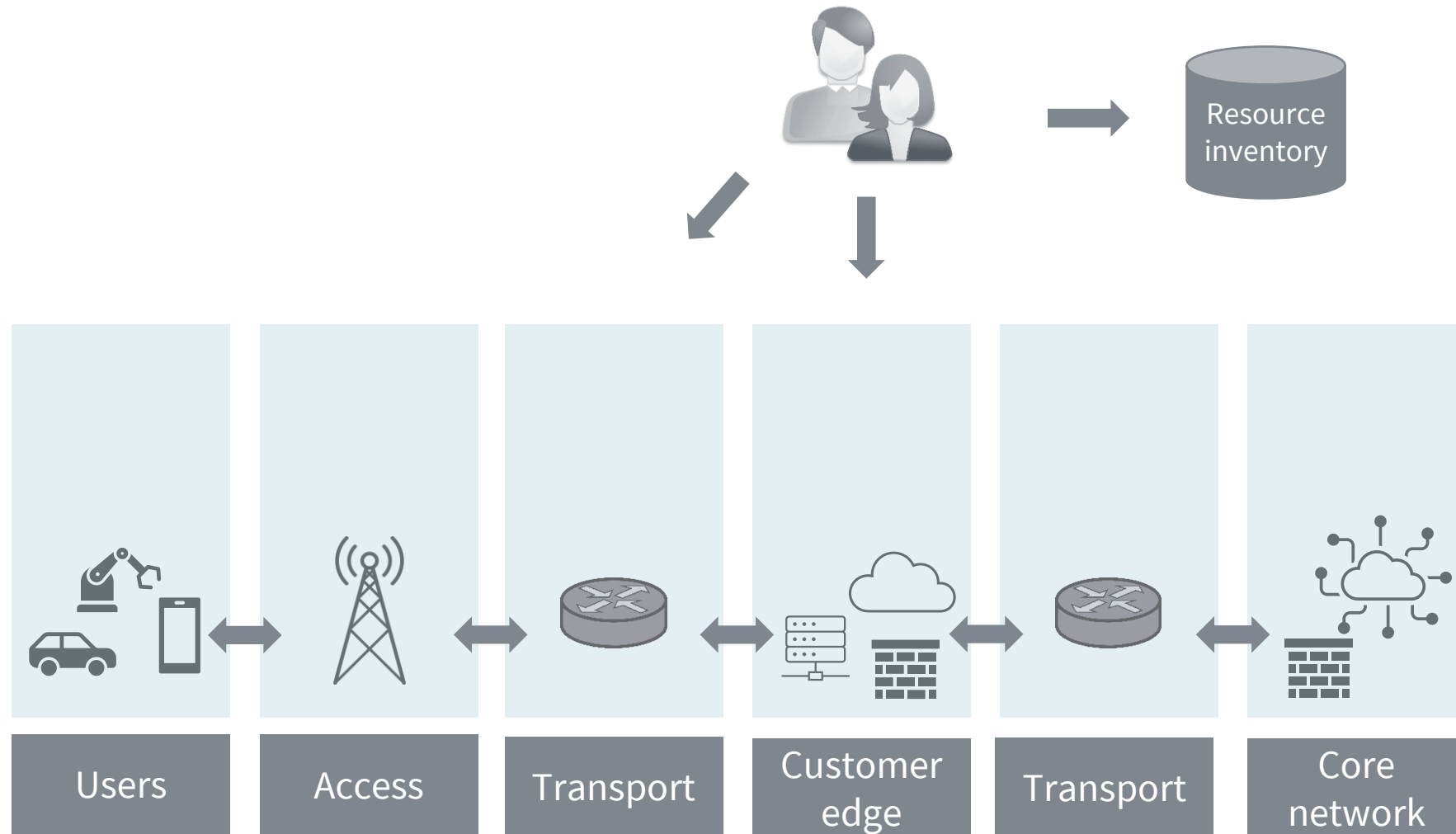


Manual or semi-automated deployment & maintenance of MPNs does not scale

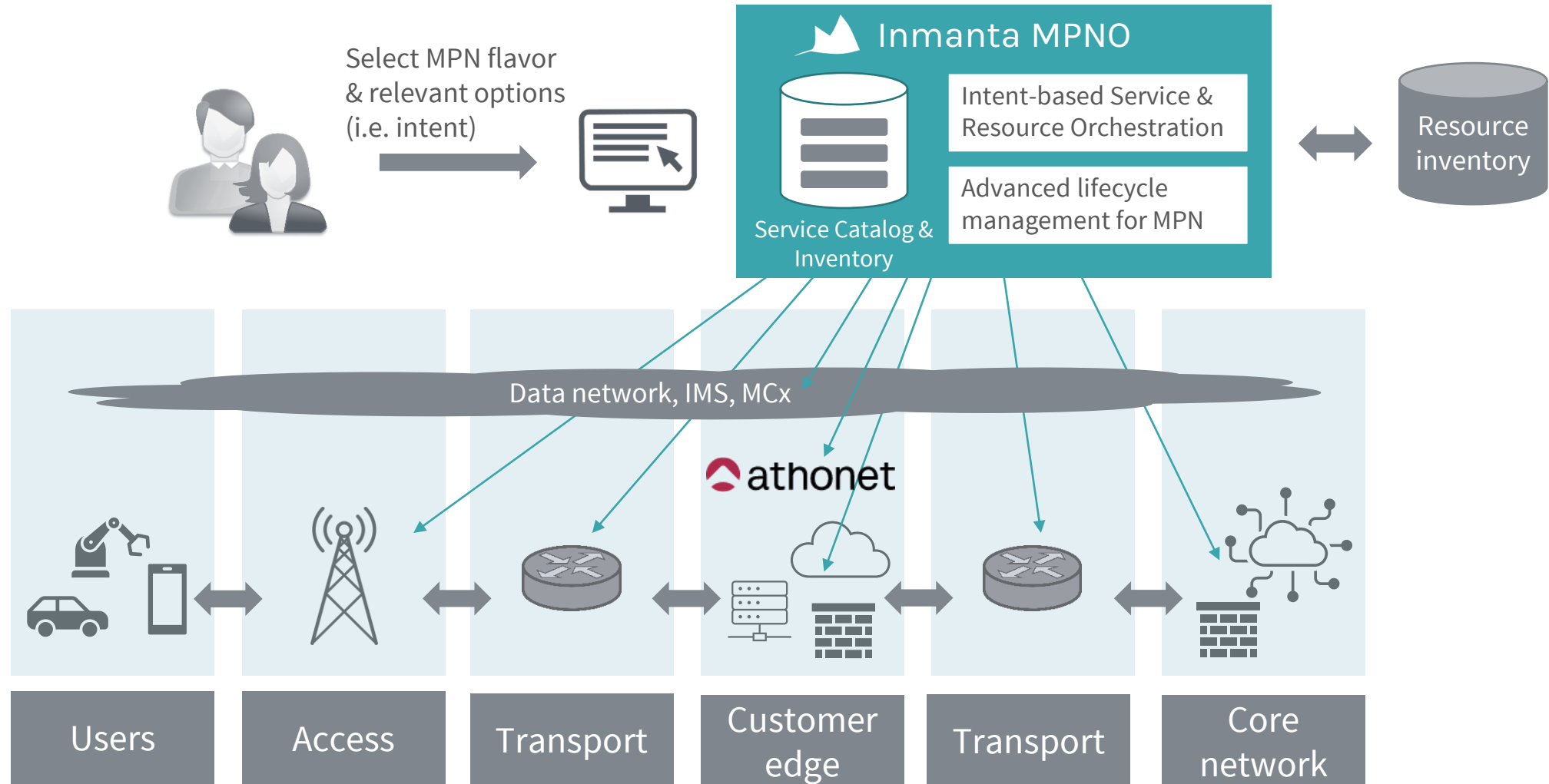


Complexity makes configuration & upgrades error-prone

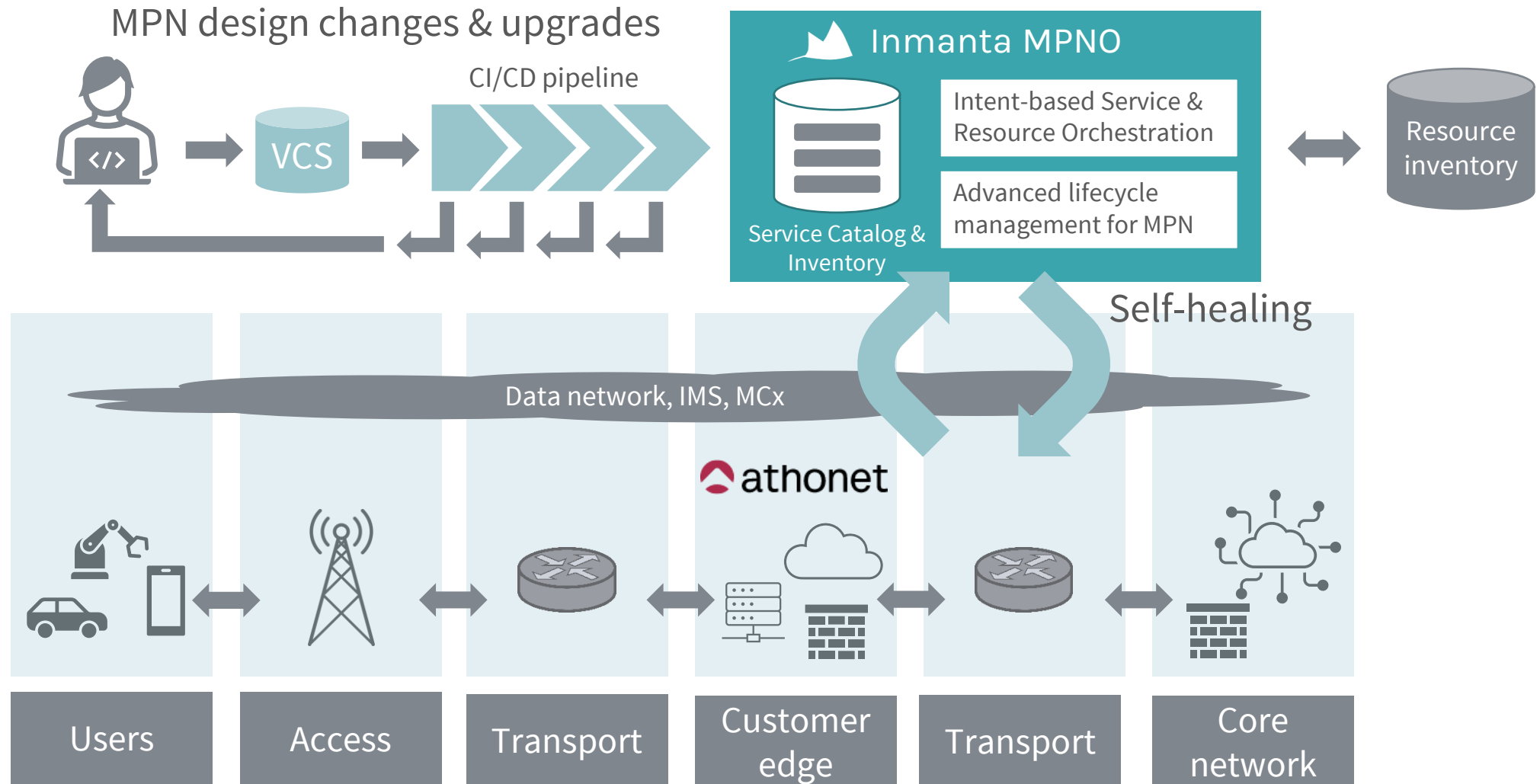
# 1. Ship off-the-shelf equipment



## 2. Deploy & configure fully redundant 5G MPN



# 3. Day 2 operations



# Outcome



# Thank you!

 Stefan Walraven

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