VIRTUALIZATION OF Wi-Fi SERVICE AND CONTROL

for a Mobile Wi-Fi Solutions Provider

Services: Product Engineering & Innovation, Network Transformation, Professional Services

OVERVIEW

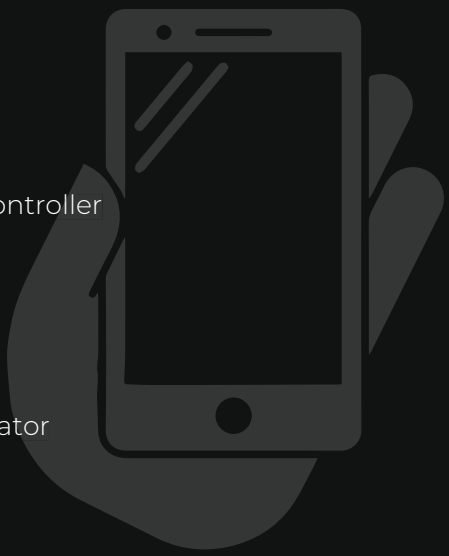
A Sweden-based start-up company provides Mobile Wi-Fi Solutions that transforms existing infrastructure into a Mobile Broadband Network. They wanted to virtualise carrier Wi-Fi solutions as Software Defined Wireless Network (SDWN) product and Tunnel Termination Gateway Product(TTG).

CHALLENGES

The solution developed by the customer is not scalable in legacy hardware

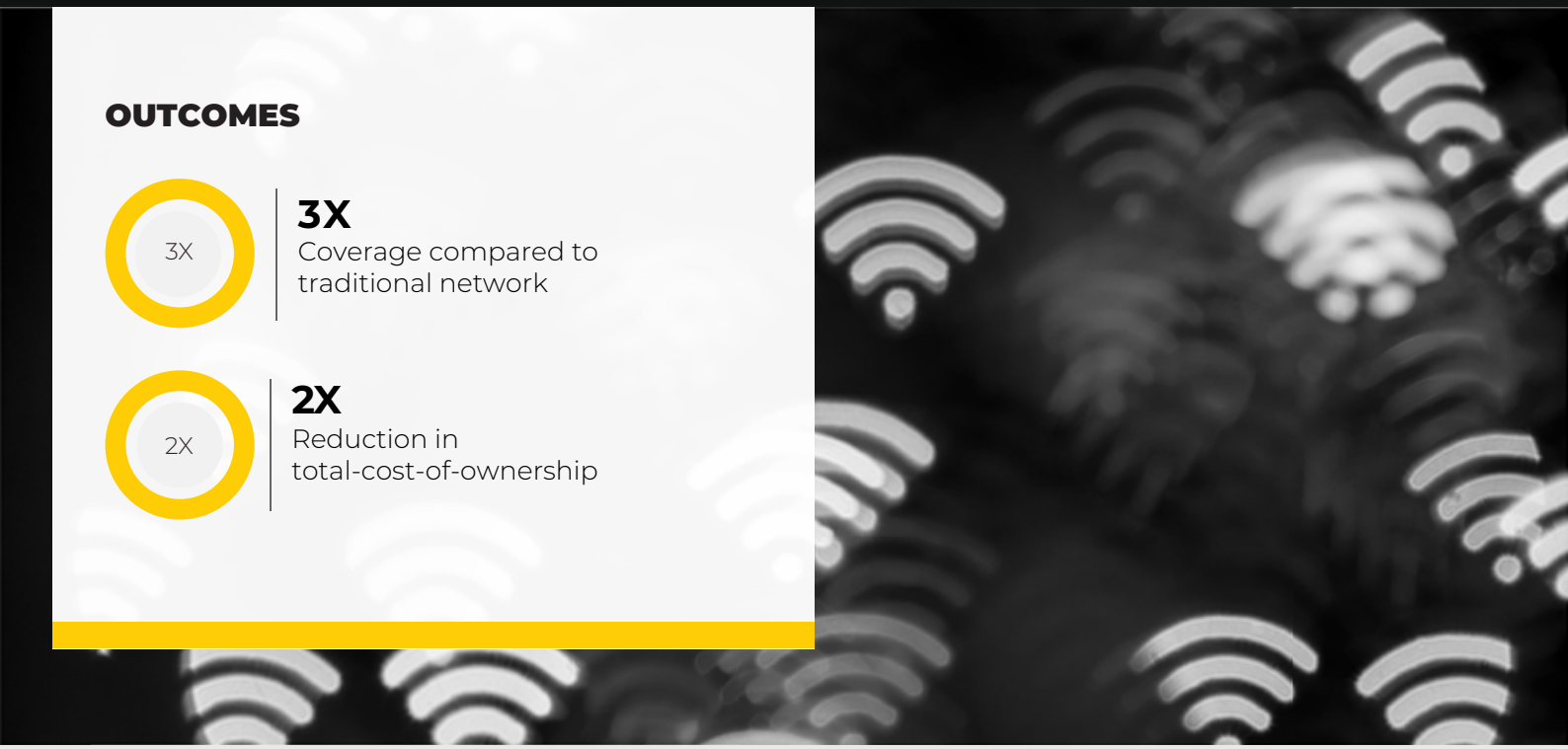
Production loss created because of Low performance throughput

SOLUTION INNOVATION



1. Development and customization of VNF framework
2. Developed management module – for interfacing with the SDWN controller and the gateway
3. Provided core service function and management interface function
4. Ported VNF images/Containers of SDWN and TTG into NFV Orchestrator
5. Integrated the components to build the solution

OUTCOMES



3X
Coverage compared to traditional network

2X
Reduction in total-cost-of-ownership

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