

# Dell Private Wireless with Athonet

A scalable, secure and flexible standalone cellular private core solution



## Executive Summary

A solution using Athonet cellular private core, a Communication Service Provider's (CSP) RAN, and Dell hardware and services to create an end-to-end private network that can be deployed in a CSP's data center or on customer premises.

## Solution Spotlight

A turn-key solution enabling CSP's to offer end-to-end private cellular networks to enterprise customers with options for hybrid, on-premises or standalone options.

## Dell Private Wireless with Athonet Solution Architecture

The Dell Private Wireless with Athonet solution is a standard compliant 4G/5G standalone private mobility core that can be paired with a CSP private mobility RAN solution, frequency spectrum and antenna to form a complete end-to-end private mobility solution. Athonet's core operates and has been tested on Dell Technologies Virtual Edge Platform (VEP) and Dell PowerEdge server families.

## Key Takeaways

What are the benefits?

**10 min**

Fully automated software deployed in less than 10 minutes<sup>1</sup>

**5 to 700,000**

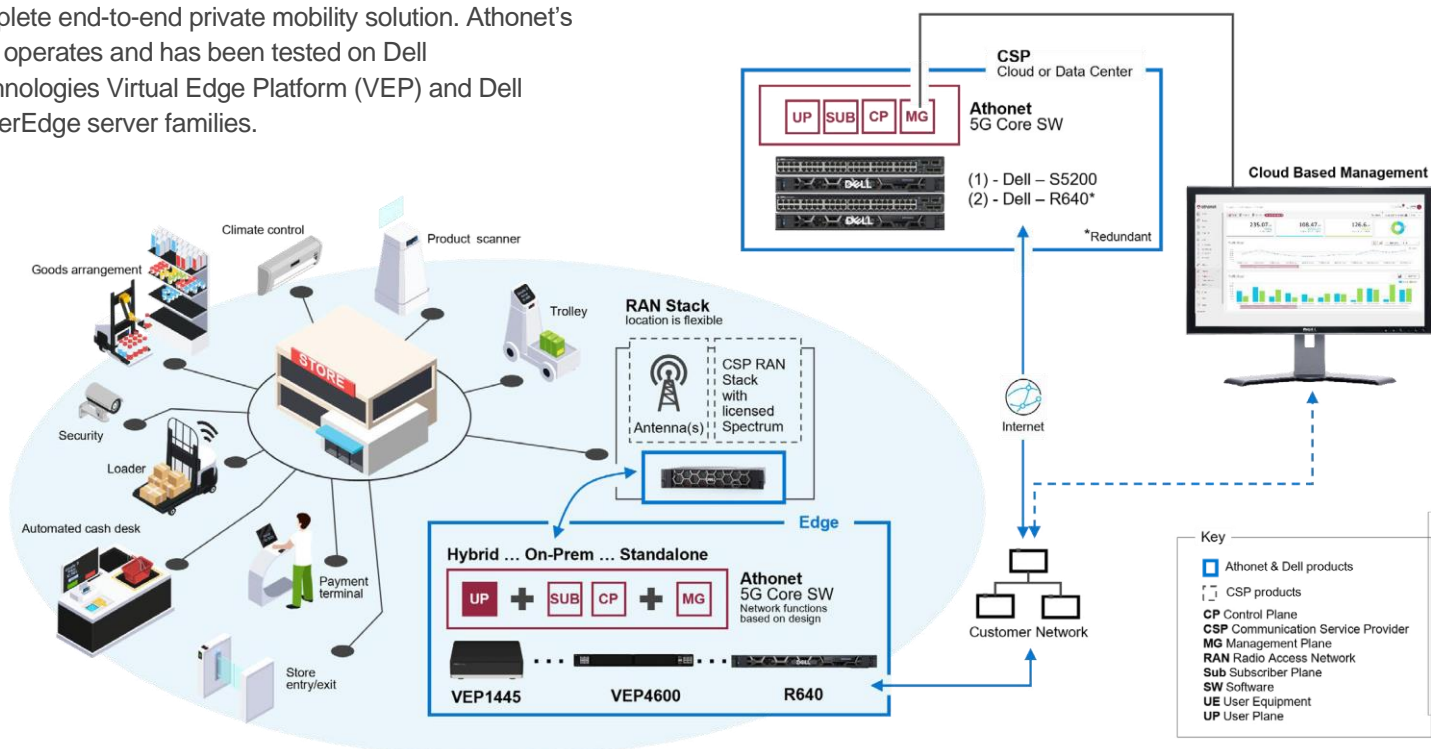
Scalable from 5 connections to more than 700,000 connections<sup>2</sup>

**1000+**

From thousands of square feet indoor coverage to hundreds of square miles outdoors

**24/7**

NOC for incident management of Athonet Software with SLAs<sup>3</sup>



## Service Provider Solution Spotlight

Solution Features	
Affordable	Cost effective solution that can grow as the business grows
Time to Market	As easy to install as Wi-Fi and can be setup in less than 10 minutes <sup>1</sup>
Scalable	Supports small, single-tenant deployments and large, distributed deployments
Secure	Same level of security you would get with a mobile service provider network <sup>4</sup>
Flexible	Supports different RAN vendors and different spectrum bands
Deployment Proven	Successfully deployed by governments, global manufacturers and international enterprises <sup>5</sup>

## Why Choose Dell Technologies?



### Pre-Packaged Solution

Dell Technologies offers a pre-integrated solution to the enterprise.



### Spectrum Agnostic

The solution supports CSP spectrum bands and shared spectrum.



### Best of Breed

Combines Athonet innovations with Dell Technologies' IT expertise.



### Industry Expertise

Leverages our partner ecosystem to deliver industry solutions.

## Learn more about:

How to Build a Private Network

Athonet 5G Core

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<sup>1</sup> <https://www.youtube.com/watch?v=2Ci7yJlUo0>

<sup>2</sup> <https://athonet.com/products/athonet-5g-core/>

<sup>3</sup> <https://athonet.com/products/>

<sup>4</sup> <https://athonet.com/what-we-do/>

<sup>5</sup> <https://athonet.com/use-cases/>