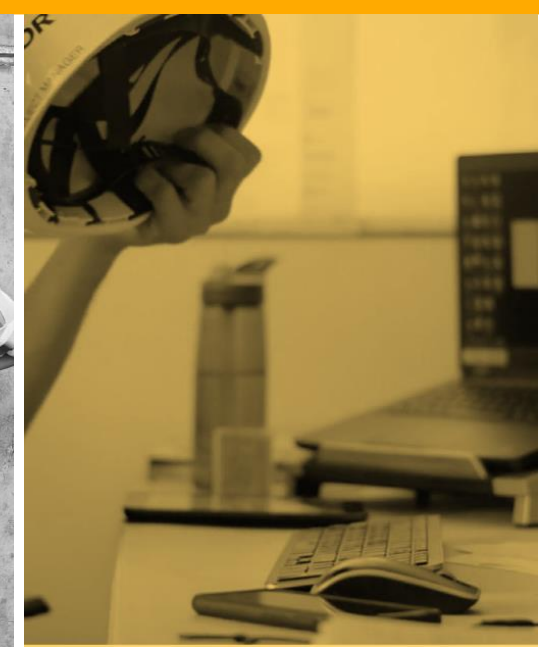


# 5G Konnektivität in der Baubranche

**Treiber und Basis für Digitalisierung und Innovationen**

Jan Willeke – Cradlepoint

Enis Coskun – ConnectingCase



# HALLLO



# Bringing Together Cellular Technology Leaders

CARRIER-FOCUSED

ENTERPRISE-FOCUSED



Leading the way in 5G infrastructure deployments



Industry's first '5G for Business' solutions

**Cellular infrastructure**

**180** Countries around the world

**70%** Of the world's top carriers

**2.5B** Users from 2G to 5G

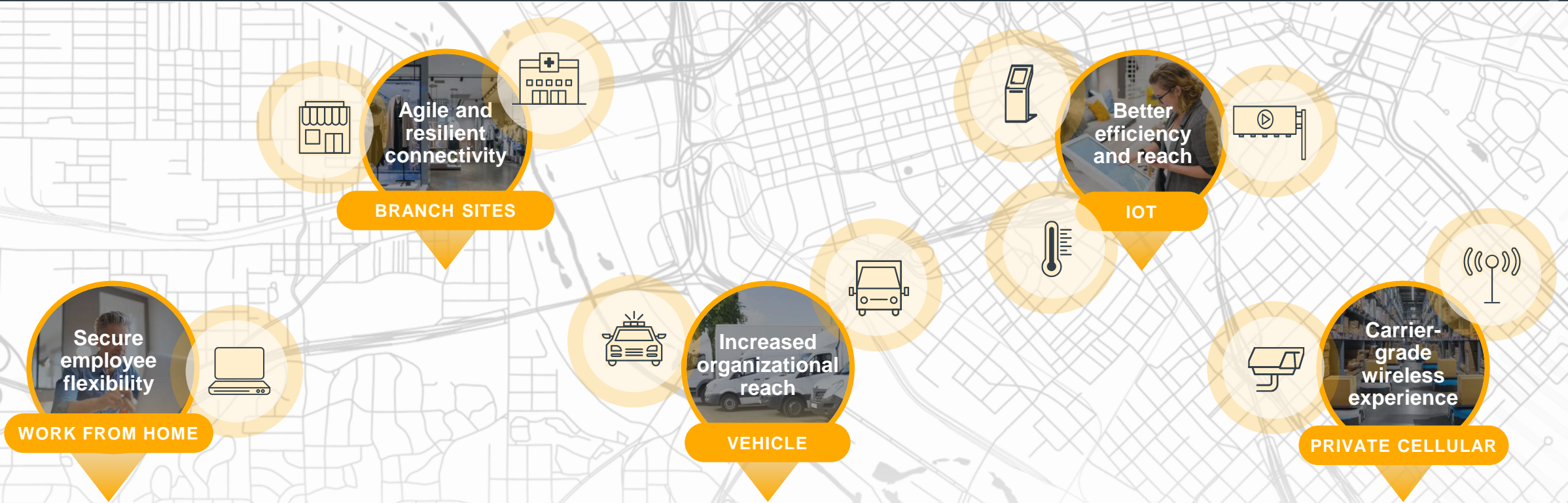
**Cellular endpoints**

**4.5k** Public safety agencies

**28k** Customers

**2M** Subscriptions

# The Reach and Agility of a **Wireless WAN**



- ✓ Extend customer reach
- ✓ Gain greater agility
- ✓ Mitigate downtime
- ✓ Cover the whole WAN edge
- ✓ Simplify management
- ✓ Increase scalability

# All Cellular Construction Site Routing

## IDEAL FOR

Shifting networking locations  
Pop-ups, IoT, day-1 connectivity  
IT staff managing availability many of sites

## PROBLEM

Poor wired broadband availability or performance  
Wait times for wired connectivity – up to 3 months  
Time-consuming management tasks, no network visibility

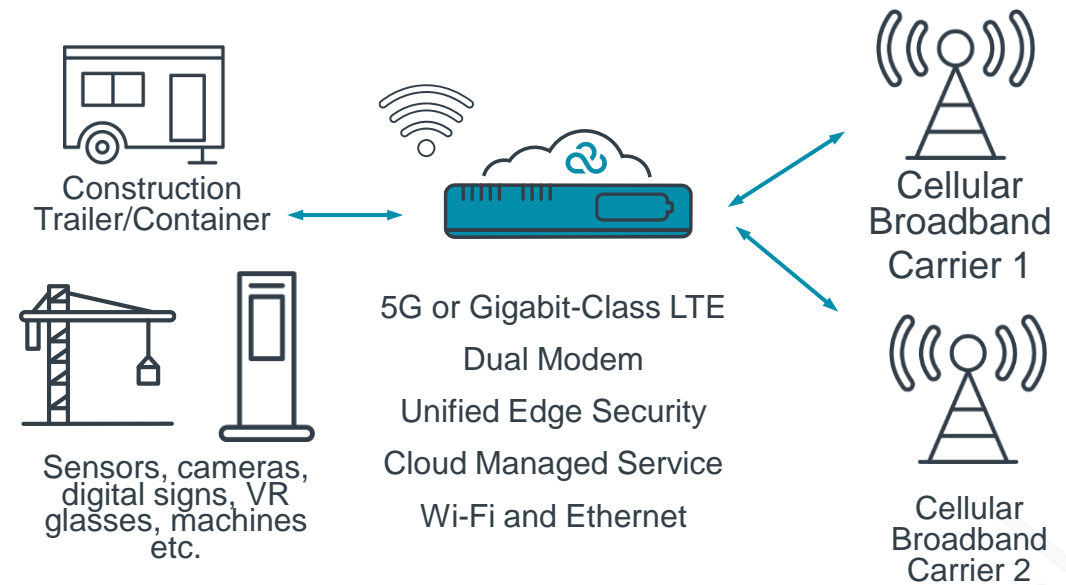
## BENEFITS

Enterprise-class networks with redundant carrier reach  
Zero-touch deployments can connect within hours  
Management, analytics and insights scale staff load

## NETCLOUD FOR CONSTRUCTION

E-SERIES ROUTERS

DUAL MODEM



**Extend network reach when and where connectivity is needed**

# The NetCloud Service Architecture

NetCloud Manager APIs | NetCloud Edge SDK | NetCloud Edge Containers

## NetCloud Subscription

- Continuous software, modem, and firmware updates
- Limited lifetime warranty
- Comprehensive Support
- On-demand training

## NetCloud MANAGER

- Zero-touch deployment
- High scalability
- Full life-cycle management
- One-click updates
- App-level control

### Security

- NGFW
- IDS/IPS
- Agile VPN
- SASE Integration
- Web filtering and scoring
- Zero trust overlay
- Private APNs

### SD-WAN / Routing

- Application-aware traffic steering
- Condition-based WAN selection
- Automatic quality of service
- Path load balancing
- Zero-touch deployment

### Purpose-Built Hardware

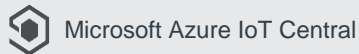
- Ground-up design for wide variety of uses
- Industry-leading reliability
- Highest performance in WWAN class
- Investment protection design
- Commitment to category leadership

## Extensibility

### Cellular Intelligence

- SD-modem for auto connection and persistence
- Live cellular stats and health dashboards
- Captive modem, data pooling, and forecasting

## Integrations



Microsoft Azure IoT Central



FORWARD THINKING  
*Stay ahead of the other guys.*



FleetComplete



JUNIPER  
driven by Mist AI



Extreme networks



TREND MICRO



RIGADO



AWS Greengrass



Telit



CloudShark  
POWERED BY QA CARE



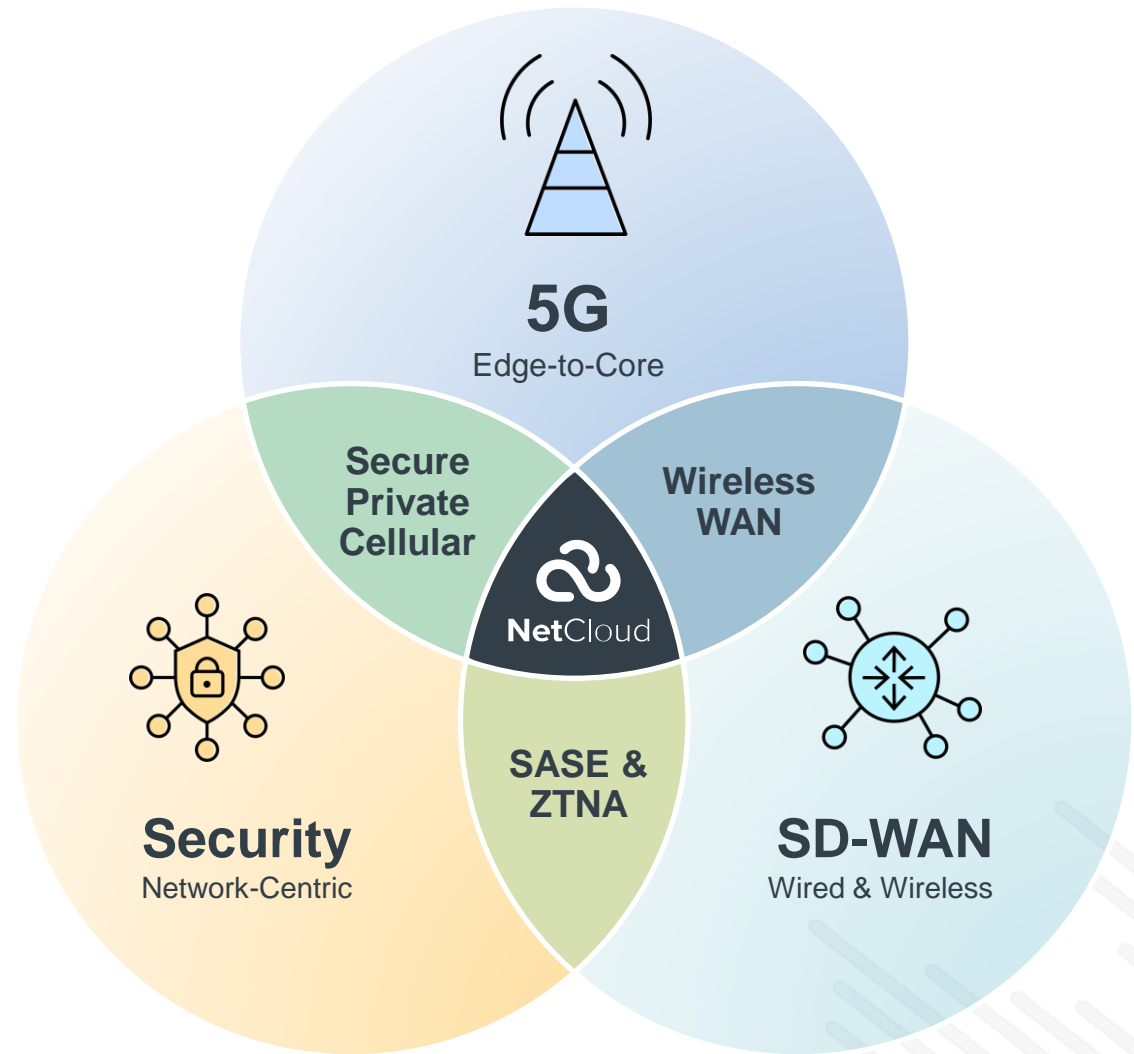
zscaler



paloalto NETWORKS

**Your WAN is  
converging.**

Your solutions  
should as well.



# Meet the **Cradlepoint Hardware** Family



BRANCH  
SITES

**E3000 Series Enterprise Router (5G/4G)**

**E300 Series Enterprise Router (5G/4G)**

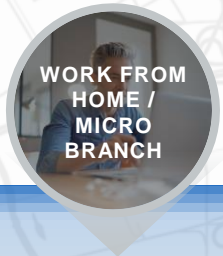
**W4005 Series 5G Wideband Adapter**

**W2005 Series 5G Wideband Adapter**

**W1850 Series 5G Wideband Adapter**

**L950 Series LTE Adapter**

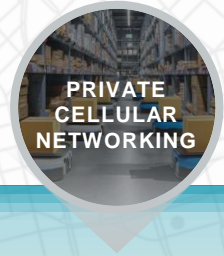
**CBA550 Series LTE Adapter**



WORK FROM  
HOME /  
MICRO  
BRANCH

**E100 Series Enterprise Router**

**E102 Series Enterprise Router**



PRIVATE  
CELLULAR  
NETWORKING

**R500-PLTE Series Ruggedized Router**

**R1900 Series 5G Ruggedized Router**

**W2005 Series 5G Wideband Adapter**



IOT

**IBR200 Series Router**

**IBR600C Series Ruggedized Router**

**R2100 Series 5G Ruggedized Router**

**IBR900 Series Ruggedized Router**



IN-VEHICLE

**IBR1700 Series Ruggedized Router**

**R1900 Series 5G Ruggedized Router**



# Cellular Intelligence is Built into Everything We Do



IT'S IN THE CONNECTIONS

SD-modem auto connection and persistence features **connect devices faster and hold connections longer.**



IT'S IN NETCLOUD INSIGHTS

Live stats, health dashboards, speed test history, and 5G breakouts **optimize configuration and measure the value of 5G services.**



IT'S IN TRAFFIC STEERING

Application-aware traffic steering and condition-based WAN selection **to optimize quality of experience.**



IT'S IN THE DATA PLANS

Data plan analysis, pooling, and forecasting **enable accurate cost containment and management.**



IT'S IN THE MANAGEMENT PLANE

Stream Protocol, in-depth logging, and captive modem **ensure efficient data usage, troubleshooting, and administration resources.**

# 5G Can be a Competitive Advantage



# FERTIG

Gleich ausprobieren ->



# WARUM BRAUCHT MEINE BAUSTELLE



## ConnectingCase ?

sofort.**Internet**

Wird innerhalb weniger  
Tage auf Ihrer Baustelle  
installiert.

[www.ConnectingCase.de](http://www.ConnectingCase.de)

# WARUM BRAUCHT MEINE BAUSTELLE



## ConnectingCase ?

bestes.**Netz**

wir haben alle  
Netzanbieter und wählen  
den besten für Ihren  
Standort aus.

[www.ConnectingCase.de](http://www.ConnectingCase.de)

# WARUM BRAUCHT MEINE BAUSTELLE



## ConnectingCase ?

hoch.**flexibel**

- kurze Laufzeiten
- auf Ihre Anforderungen konfiguriert
- Auf- / Abbauservice
- für 1 - 60 Internetarbeitsplätze

[www.ConnectingCase.de](http://www.ConnectingCase.de)



**ConnectingCase**

**GLEICH ANFRAGEN**

**[vertrieb@connectingcase.de](mailto:vertrieb@connectingcase.de)**

**Tel.: 07351 - 506 901**

**[www.ConnectingCase.de](http://www.ConnectingCase.de)**



cradlepoint

Thanks!



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