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Systems

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# LCOS 10.42

## FEATURE NOTES

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**LCOS**



# LCOS

## 10.42

### BEST QUALITY FOR DIGITAL BUSINESS APPLICATIONS IN SD-WANs

- In infrastructures with several WAN connections and many business-critical applications, the **performance** and **reliability** of the connections is essential. With the new LCOS version 10.42 you can now benefit from **maximum quality** in your SD WAN, because the new highlight feature **Dynamic Path Selection** continuously monitors the available lines and always steers your data traffic towards the path with the best performance values. This quality-based routing **increases your application performance** enormously and also offers you fail-safe data communication.

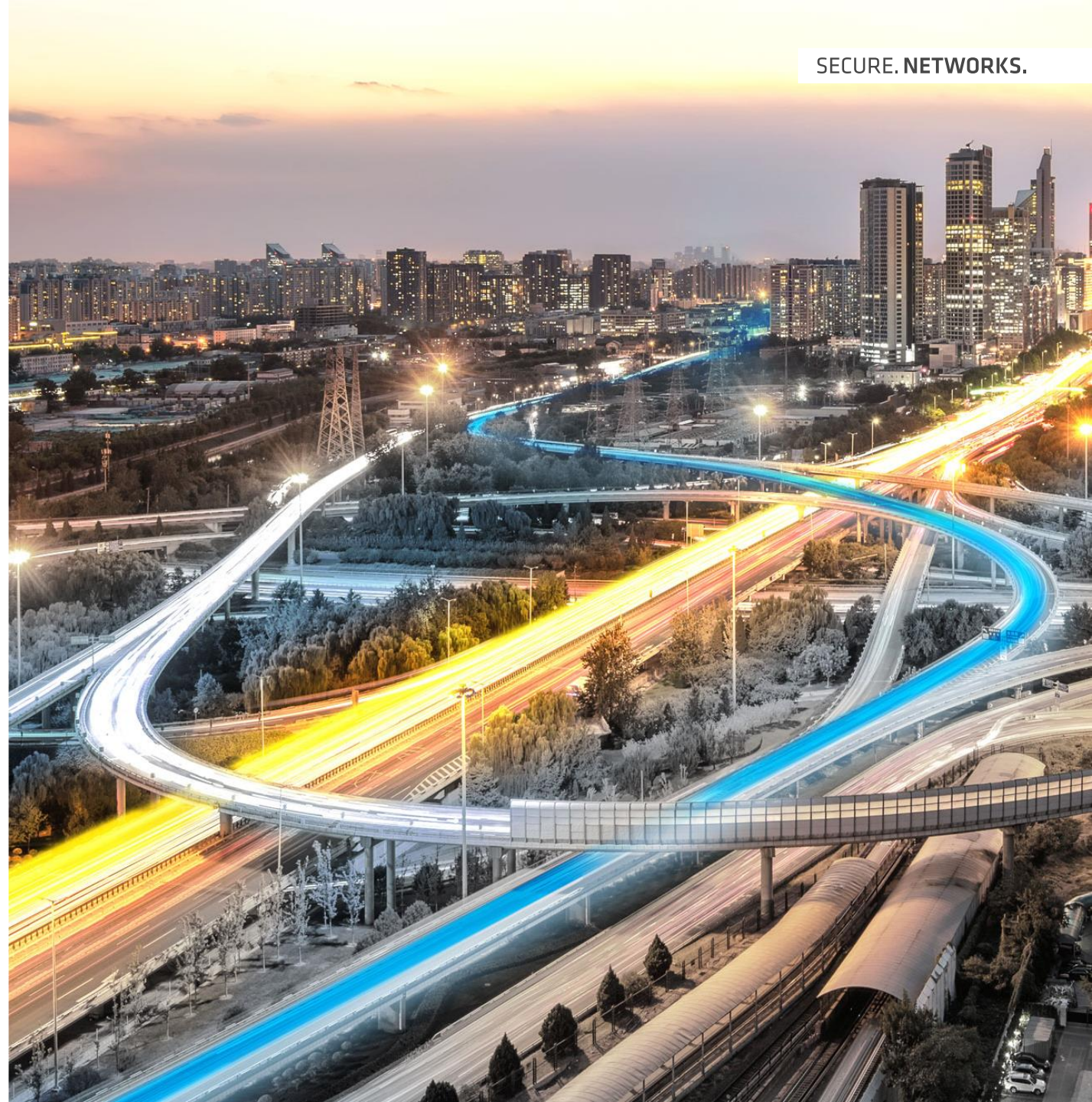




# DYNAMIC PATH SELECTION

## PERFECT FOR INNOVATIVE SD-WANs

- Benefit from maximum performance and reliability in large scale SD-WAN infrastructures with several WAN connections in active/active mode
- Route your mission-critical business applications in your SD-WAN always over the best quality line

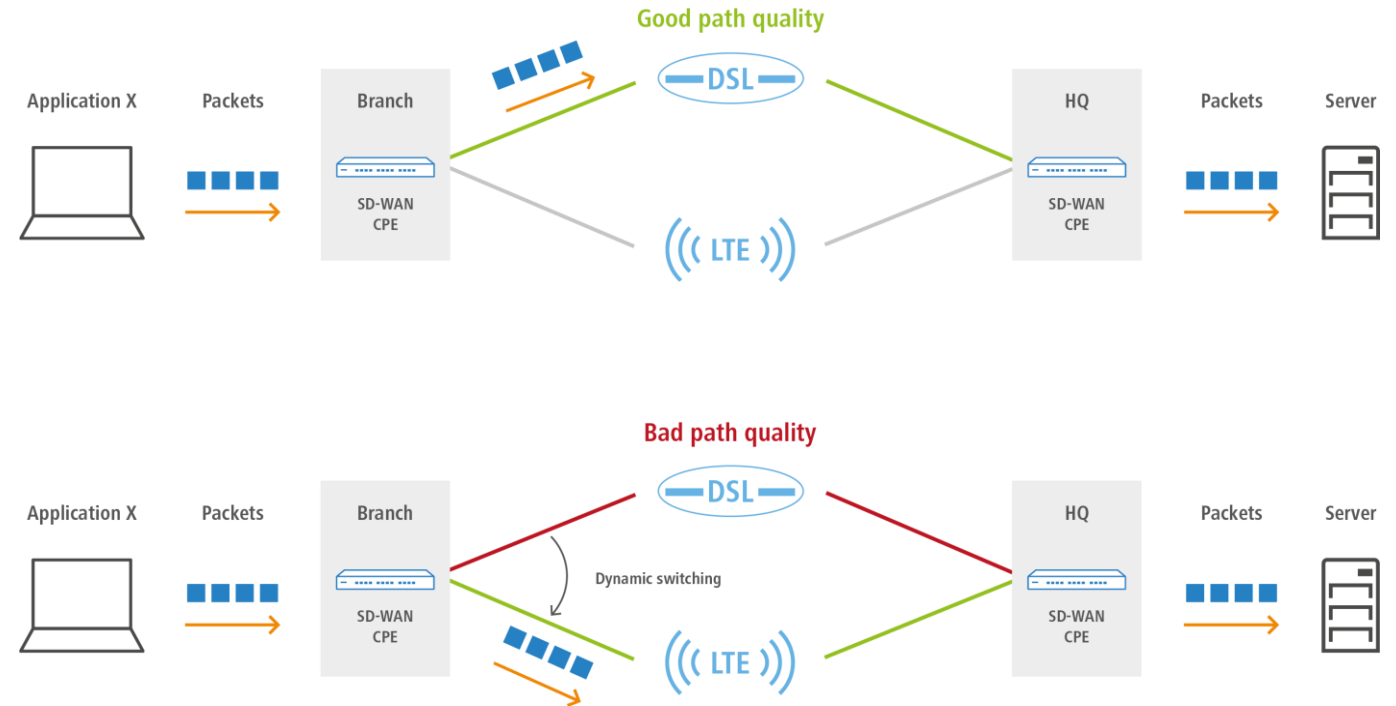


## HIGHLIGHT

# DYNAMIC PATH SELECTION

## HOW IT WORKS!

- Dynamic Path Selection is activated on a Load Balancer
- You define the performance policies for the WAN connection for specific applications
- All lines are continuously monitored with respect to load, packet loss, latency, and jitter
- The feature dynamically decides on the most optimal line depending on the current connection quality





# DYNAMIC PATH SELECTION

## KEY FACTS

- The algorithm of Dynamic Path Selection selects the best quality line for your applications
- If several lines meet the required policies, load balancing is performed in a round-robin procedure over these lines





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## FURTHER FEATURES

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# CLOUD-MANAGED HOTSPOT

## WI-FI HOTSPOT DIRECTLY FROM THE CLOUD

- Central implementation of Wi-Fi hotspots directly from the LANCOM Management Cloud
- No additional gateway or WLAN controller required
- Various customization options regarding your own corporate design and formal conditions (imprint, terms of use, etc.)





# DYNAMIC DNS SERVICE FOR YOUR PUBLIC CLOUD

- › Self-selected DNS subdomains for DNS updates from LANCOM routers / gateways
- › Connection target for VPN client dial-in
- › Enables WAN-side connection of additional services such as web servers or IP cameras
- › Supports IPv4 and IPv6 WAN addresses





## BLE API (REST)

### FOR INNOVATIVE LOCATION-BASED SERVICES

- New BLE (Bluetooth Low Energy) API interface (REST) for implementing innovative location-based services
- Ideal for indoor tracking in healthcare, retail, and logistics environments (in collaboration with third-party vendors)
- Integrated in all LCOS-based access points with Bluetooth Low Energy module



## **BLE API (REST)**

### ADVANTAGES

- Via Bluetooth Low Energy localization is carried out with high accuracy
- Active dial-in in Wi-Fi environments is no longer necessary
- Possibility to realize individual added values and services via apps
- LANCOM infrastructure gives partners the opportunity to work with innovative location-based service providers





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**THANK YOU**  
VERY MUCH!

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