

# Borås Stad Transforms Into a Smart City

## Technology Needs

- Network infrastructure that delivers faster, more advanced connectivity
- Secure public Wi-Fi for citizens and local government and services
- Reduced network complexity and improved performance visibility

## Extreme Solution Components

- Extreme Cloud™ IQ
- Extreme Wireless™
- Extreme Switching™

“Up until 2012 we had a Cisco based solution in place. Unfortunately, it started to grow too expensive for us. All the software licenses, support agreements, the 6509 core switches... really costly pieces of equipment. So we started to look for alternatives. We had resources to invest in the network. We bought 2000 access points, switches and everything else we needed from Extreme. That's how it all began.”

**Andrzej Kardas, CTO, Borås Stad**

The city of Borås Stad is one of the largest municipalities in western Sweden and home to over 113,000 citizens. By Swedish law, cities like Borås Stad are required to provide critical welfare services such as education, childcare, social services, and more. Combining that with the impact of the pandemic, the 400-year-old city soon realized the need to provide its residents with more sustainable resources, while improving quality of life and driving business innovation.

The departments and institutions that power Borås Stad's welfare services required a resilient, secure network infrastructure that could protect critical data and information. The city also needed to develop new welfare services that would depend upon reliable, high-speed Wi-Fi connectivity. Additionally, to support these services at-scale Borås Stad needed a solution that offered high visibility into network performance with reduced management complexity.

In partnership with Extreme Networks and NetNordic, Borås Stad deployed a cloud-based network to deliver new initiatives through world-class public Wi-Fi, establishing the municipality as a modern and dynamic smart city. Using ExtremeCloud IQ, the city reduced complexity of network management, streamlined operations, lowered costs, and obtained better visibility into actionable data. As a result, Borås Stad can deliver better digital experiences to sectors that enhance citizen welfare while attracting business to the city to support economic growth.

“Extreme Networks has been a key partner in helping us to build a smart city that meets the current and future demands of our citizens. Leveraging Extreme's solutions, we've created an advanced cloud-managed network that helps us roll out new initiatives through seamless, world-class public Wi-Fi – with minimal overhead, management, and maintenance required on our end. We're proud to have established Borås Stad as a modern and dynamic smart city.”

**Andrzej Kardas, CTO, Borås Stad**

## Results



### Advanced Public Wi-Fi Connectivity

- Secure public Wi-Fi city-wide
- Reliable coverage, increased network capacity, and faster data speeds across city
- Uninterrupted connectivity for education, healthcare, and business sectors



### Streamlined Network Management and Analysis

- IT staff provided full oversight of network infrastructure and performance
- Reduced network management complexity gives back time and resources to IT
- Leverage actionable data to optimize network and improve customer experiences
- Simplified licensing model eliminated complexity and excessive costs



### Establishment as Smart City

- Network designed to provide best possible public service and improve quality of life for citizens
- Rollout of new Wi-Fi powered services and technology in healthcare, education, and welfare sectors
- Seamless digital experiences attract business and support economic growth