



Mass Server Management
with ATEN's KVM over IP Switches



Telecommunications

Case study

Data Center

Germany

Requirements

- **Central management**
Remote access to all server parks from a central maintenance office.
- **Local management**
Local access to individual servers in case of critical events.
- **Secure access**
The KVM switch provides for an extra layer of hardware protection for the data center, and is also equipped with extra security measures ensuring its compliance with the FIPS-140-2 norm.

Benefits

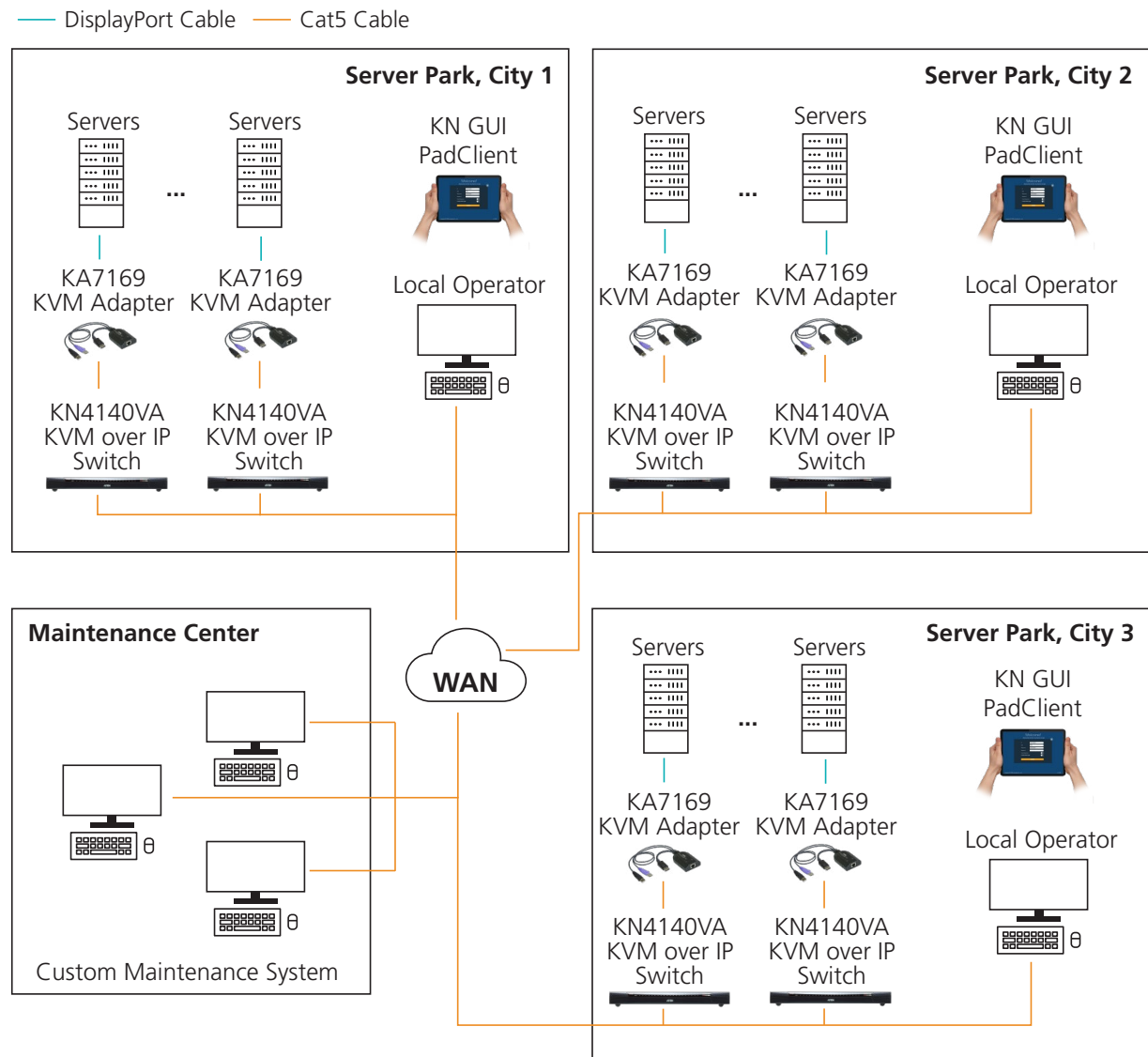
- **PadClient**
An app which allows swift surveillance and access to the servers through the KVM switches.
- **Resolution detection**
The EDID mode of the dongles enables each server to efficiently detect resolutions.
- **Broadcasting mode**
Allows the installer to simultaneously handle and copy actions to all computers at once.

Connection Diagram

Background

Merging a technical and customer service department led to the rearrangement of several server parks, located in 3 different cities.

The central maintenance center, in charge of all data centers, manages a mass amount of servers simultaneously, thanks to multiple KVM over IP switches. A custom management system helps the IT managers to automate many daily operational processes. Only in case of irregularities are the IT managers notified to check what is going wrong. They can take immediate action over IP or on-the-spot.



Products

KN4140VA

KVM over IP Switch

- Virtual media
- DVI-I, USB
- Up to 1920 x 1200
- Up to 40 KVM ports
- Laptop USB console
- Dual network and power
- FIPS 140-2 level 1 security
- Up to 1 local and 4 remote users
- Broadcasting and panel array mode



KA7169

KVM Adapter

- DisplayPort, USB
- Up to 1920 x 1200
- Virtual Media Support
- Smart Card / CAC Reader Support





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