



## Case Study

# Installing Teldat-V with LTE/3G in one of Saudi Arabia's fastest growing banks.

The Teldat-V router is a great solution to guarantee IP connectivity in ATMs. Using the Gigabit-Ethernet port switch, the client is able to connect various devices such as cameras or PCs. A single device solves all of the ATM communication needs.



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Challenge	Solution	Why Teldat?
▶ Migrate from VSAT to LTE/3G, reducing costs and modernizing the equipment.	▶ Teldat-V: a versatile, economic, and scalable router.	▶ Perfect integration with the operator's private APN.
▶ Achieve more reliable communications at ATMs	▶ Other devices, such as surveillance cameras or PCs, can connect through Gigabit Ethernet.	▶ High quality technology at competitive prices.
▶ Adapt to different types of ATM.	▶ Customized web interface that includes the company logo.	▶ Demonstrated leadership in providing ATM connectivity.
▶ Implement an innovative and scalable solution.	▶ Two easy-to-use templates (NAT and RIP) that do not require technicians to install them.	▶ Top quality customer service and technical support, thanks to the collaboration between Teldat and Bright Power Holding Company.

## Client Summary

Teldat's partner, Bright Power Holding Company (based in Riyadh), is one of the fastest growing companies in the GCC. With its mission to always focus on the needs of the client, the company aspires to become the leading provider of IT, smart home Telecom solutions, etc.

This end client of this project is a bank in Saudi Arabia that has a license to operate in the financial sector. This sector has experienced significant growth in recent years and has become one of the pillars of the country's economy. With more than 1,200 branches, it is one of Saudi Arabia's leading banks.

Finally, it is worth noting that the service is provided by a global telecommunications operator (market leader operator in Saudi Arabia).



## Challenge

The bank was faced with the problem that its ATMs were connected to the central offices via satellite (VSAT), with this being an expensive and unreliable solution. Since ATMs are an extremely important bank service, it is crucial that the reliability is very high (above 90%) and that connections are not lost. VSAT technology is expensive and outdated, so the client needed a more modern solution that would help reduce costs.

The bank had two different scenarios for its ATMs: internal tellers (located within the bank's branches) and external tellers (located outside the bank's premises in shopping malls, airports, stations, etc.). The client needed to find a flexible solution that would allow it to migrate all VSAT technology ATMs to LTE/3G, and to be compatible with different possible ATM scenarios.

The bank is among Saudi Arabia's fastest growing entities, and as such is able to compete at the highest level. That's why it needs the latest innovations and technologies.

In summary, the bank needed to improve the reliability of its connections and reduce the costs associated with migrating from VSAT to IP. In addition, the client was looking for a scalable solution that was at the forefront of telecommunications technology.



Teldat-V

## Solution

The solution proposed by Teldat was the Teldat-V, a versatile, economic and scalable router that met all the client's requirements. In addition, Teldat offered its Teldat-V services in two parts:

First, Teldat provided the client with two templates (NAT and RIP) with which to configure a private APN for SIM card data. It is a simple configuration system and has the advantage that no technical skills are required for its installation. The LTE/3G technology was the ideal solution for the client, since it was perfectly adapted to the client's needs. The client wanted to be able to connect various devices (cameras, PCs, etc.) using Gigabit-Ethernet. Thanks to its integrated switch, the Teldat-V is perfectly capable of meeting those needs.

Second, Teldat created a personalized web interface with the client's logo. The operator will request this for all its clients in the future, especially for those migrating from VSAT to IP. At the same time, the operator needed to deliver an LTE service that offered high-quality bandwidth and was easy to install and maintain.

Finally, its versatility, scalability and good price make the Teldat-V the ideal solution to modernize the client's ATMs and offer cutting-edge technologies in the field of telecommunications.



## Results

The Teldat-V router complies with the requirements and objectives of the client:

1. The bank was able to reduce costs by implementing LTE/3G technology, and without having to use technicians for its installation.
2. Thanks to its simplicity, the hardware can be installed directly in the environment and start working alone.
3. It is an innovative and scalable solution. It is prepared for future migrations and puts the client among Saudi Arabia's most innovative banks.
4. It provides the organization with greater security and more reliable connectivity.

## Why Teldat?

The client opted for Teldat because of its innovative, scalable and flexible solution. The leadership demonstrated by Teldat in regions as different as Spain and South America reveals the vast experience that the company has when it comes to providing ATM connectivity.

In addition, the SIM card, the private APN and the router were all perfectly integrated. The same can be said of the pack that the customer bought for the router and the STC service. Another decisive factor was that the Teldat-V already had the necessary certifications and complied with all the operator's requirements.

Finally, we would like to emphasize that the success of this project is due, in part, to the invaluable collaboration of our partner, Bright Power Holding, and its presence in Saudi Arabia.

# FLEXIBLE

## COMMUNICATIONS SOLUTIONS

### THAT GROW WITH YOU.

## Teldat-V

Advanced router for fixed ADSL/VDSL and/or Ethernet 3G and/or 4G mobile access.



- ▶ Ethernet and/or ADSL/VDSL access, both licensable.
- ▶ Optional 3G or 3G/4G integration + USB port.
- ▶ Licensable, built-in Wi-Fi access point.
- ▶ 4-port Gigabit Ethernet switch.
- ▶ Advanced software, IPSec, ToIP, CLI.
- ▶ No fan, silent.
- ▶ Console port for out-of-band management.

The Teldat-V router is the ultimate solution for remote office IP connectivity. The same device combines Ethernet, ADSL2+/VDSL2 and 3G/4G connectivity, covering the most common connectivity scenarios, and even provides redundancy in case the wireless access point or wired connection become unavailable. A 4-port Gigabit Ethernet switch and Wi-Fi access point complement the private network connection. In this way, a single device solves all the small office communication needs.

Such a versatile router requires powerful software. The Teldat-V runs the same software as other Teldat routers, already in use in hundreds of networks worldwide and oriented towards the most demanding professional environments. Furthermore, the Teldat-V solution is as efficient as it is cost-effective. The fixed interfaces and Wi-Fi are optional features that you can enable remotely.

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