



Souhail Jribi,
Chief Information Security
Officer

MAXPATROL HELPS BANQUE ZITOUNA MEET ANNUAL COMPLIANCE AUDITS

THE CHALLENGE

Meet the Central Bank's security compliance policies including annual audits of all their systems across 35 branches

Founded in Tunisia in 2009, Banque Zitouna invested in technology to support its planned expansion across North Africa, but as its network of branches grew, the task of managing security and complying with privacy regulations manually became ever more time-consuming and ineffective.

The need for an automated solution intensified when Tunisia's Central Bank introduced a requirement for banks to conduct annual security audits. Employing external audit companies to do this work manually was expensive and time-consuming. It took as long as five days to audit a single Oracle database, work that is now done by MaxPatrol in just 5-10 minutes. "With this method it was impossible for us to perform a full audit every year," said CISO Souhail Jribi. "There wasn't enough time for us to carry out tests on the entire network, validate the results and implement fixes. And it was hard to keep up with the constant changes to the audit regulations."

In order to be in line with industry best practice, the bank set a goal of ensuring all its systems were configured to meet Center for Internet Security (CIS) guidelines, but it had no way to regularly monitor its compliance with these standards. Additionally, as leading credit card companies increased pressure on Tunisian banks to demonstrate their compliance with standards such as PCI DSS and ISO 27002, Banque Zitouna needed regular visibility into how it would score on PCI and ISO audits.

THE SOLUTION

MaxPatrol Vulnerability and Compliance Management

With MaxPatrol, Banque Zitouna can now carry out its own security audits in a fraction of the time that it used to take their external consultants. The audits cover the bank's entire infrastructure including the OS, servers, databases and network equipment that underpin core banking applications such as deposit processing, loan servicing, customer information, general ledger and reporting tools. It also provides protection for all back-office IT systems such as software, telephony, network equipment, IPS, Firewall and the Oracle DBMS.

MaxPatrol's audits immediately identified a large number of vulnerabilities, many of them related to errors in how systems were configured. Banque Zitouna was able to correct these flaws quickly, using MaxPatrol's prioritization of the highest-risk threats for immediate attention.

Regular, automated audits of the organization's entire infrastructure are now carried out. All systems are monitored for compliance with MaxPatrol's built-in database of CIS standards as well as additional configuration guidelines recommended by the experts at Positive Technologies, based on their hands-on experience with similar systems.

Since installing MaxPatrol, Banque Zitouna now has the facility to monitor its own progress towards achieving both PCI DSS and ISO 27001 and 27002 certification, comparing all its systems with MaxPatrol's built-in checklists for these standards. This will enable the bank to reduce the risk of additional costs and delays by engaging external certification consultants only when it is confident of its compliance.

COMPANY PROFILE

- + **Industry:** Banking
- + **Ownership:** 87% owned by the Tunisian state
- + **Services:** Loans, savings, investments and online banking; compliant with Islamic finance rules
- + **Locations:** 35+ branches across North Africa
- + **Client base:** 72,000 business and personal customers



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HIGHLIGHTS

- + Provided visibility of compliance with PCI and ISO security standards
- + Increased security and reduced fraud through rapid detection of misconfigured systems
- + Enabled the bank to carry out annual security audits required by regulators
- + Assured a higher level of system availability

THE BENEFITS

Increased security, simplified compliance, reduced costs

"Since using MaxPatrol, we have changed our thinking about security entirely," said Mr. Jribi. "MaxPatrol has increased the overall level of security in our infrastructure. Understanding our vulnerability history allows us to rapidly respond to any changes in security levels. We can minimize potential financial losses caused by system downtime and leakage of critical data."

Mr. Jribi also welcomes the cost savings MaxPatrol has realized for his department, "By automating the security assessments of our network equipment, servers, workstations, databases, applications and telephony systems, MaxPatrol performs tasks that would otherwise require many hours of work by highly trained security engineers."

"We now have a single solution that analyzes, audits and reports on all aspects of computer security. All our systems are checked against Key Performance Indicators to ensure they meet the varied compliance needs of the bank, relevant legislation and our shareholders," added Mr. Jribi. "By checking our progress towards the IT Security requirements of PCI and ISO, MaxPatrol can help us to be sure we are compliant before we engage external consultants to do the certification."

"Our Network and Security team worked closely with the technical support team at Positive Technologies to customize our security controls. Thanks to the experts at Positive and the flexibility of MaxPatrol, we were able to automate our security and protect our systems in just under 30 days."

About Positive Technologies

Positive Technologies is a leading provider of vulnerability assessment, compliance management, and threat analysis solutions to more than 1,000 global enterprise clients. Our solutions work seamlessly across your entire business: securing applications in development; assessing your network and application vulnerabilities; assuring compliance with regulatory requirements; and blocking real-time attacks. Our commitment to clients and research has earned Positive Technologies a reputation as one of the foremost authorities on SCADA, banking, telecom, web application, and ERP security, and distinction as the #1 fastest growing Security and Vulnerability Management firm in 2012, as shown in an IDC report*. To learn more about Positive Technologies please visit ptsecurity.com.

*Source: IDC Worldwide Security and Vulnerability Management 2013-2017 Forecast and 2012 Vendor Shares, doc #242465, August 2013. Based on year-over-year revenue growth in 2012 for vendors with revenues of \$20M+.

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