

COMPANY PROFILE

The Royal Swaziland Sugar Corporation Limited (RSSC), located in the north-eastern Lowveld is one of the largest companies in Swaziland. The company produces two-thirds of the country's sugar and a significant quantity of ethanol.

20+

*thousand
hectares of
irrigated sugar
cane*

3500

employees

2.3

*2.3 mln tonnes
of cane per
season*



ABOUT ERPSCAN

ERPScan is the most respected and credible Business Application Security provider. Named as an “Emerging vendor” in Security by CRN and distinguished by more than 25 other awards - ERPScan is the leading SAP SE partner in discovering and resolving security vulnerabilities.

ERPScan's primary mission is to close the gap between technical and business security, and provide solutions to evaluate and secure ERP systems and business-critical applications from both cyber-attacks and internal fraud.

We pursue “follow the sun” principle and have two hubs, located in the Netherlands and the US to operate local offices and partner network spanning 20+ countries.

THE ROOT OF SAP EVIL

The most crucial task of any business is to manage its material and human resources in an efficient way. That is why large-scale enterprises use ERP systems, and SAP in particular. However, not only may SAP seem arcane, but also, containing numerous misconfigurations and system vulnerabilities, it cannot be considered as an ideal system.

GIVING A HUMAN FACE TO SAP

ERPScan has only recently focused on SAP Africa Ecosystem. Even still, we're glad to announce that we have already completed the first ever SAP cybersecurity project on the continent of Africa, at the Royal Swaziland Sugar Corporation (RSSC).

The aim of the project was to critically examine the SAP landscape of the RSSC from a vulnerability assessment point of view. In other words to make SAP's appalling face a bit sweeter.

RSSC was looking for a proper solution which would allow it to measure security level and would not cause any danger to business continuity. And ERPScan Security Monitoring Suite proved to be an optimal one.

“Generally, cyber threats on IT landscapes have become a boardroom topic and something to be discussed from a strategic approach. At RSSC, we make it a point of duty to take all the necessary security measures that needed to be taken on our SAP landscape as per SAP recommendations, hence the implementation of this cybersecurity project came through at the right time to show us what we could do better and how to maintain a more formidable SAP landscape,» said the RSSC CIO.

WHY ERPSCAN ERPSCAN?

- ▶ **Complete. Identify and Analyze security issues, including vulnerabilities, misconfigurations, and SOD violations. React on them in a timely manner.**
- ▶ **Unique. The only award-winning solution to provide 360° protection of the SAP and Oracle platforms.**
- ▶ **Enterprise. Continuous management of vast landscapes.**
- ▶ **Detailed. Largest database of 10000+ Security Checks.**
- ▶ **Industry-specific. Specific checks for industry solutions, such as Oil and Gas, Retail, Banking, etc.**
- ▶ **Cloud and SAAS support. Can be implemented as a virtual appliance, in cloud or as SAAS.**
- ▶ **Nonintrusive. Doesn't require any agents or modification of SAP or Oracle Platforms.**

HANA IN DISTRESS

Trying to achieve the maximum level of business efficiency, RSSC implemented HANA. Though being a really crucial and useful tool to add to the Company's armory, this appliance may become an Achilles' heel of any enterprise's defense. Without a doubt SAP HANA has a lot of advantages and beneficial features, such as: performance improvement, tight integration with SAP Business Objects BI solutions, reduced costs through simplifications in workflow, maintenance, testing, etc. Nevertheless, it is highly susceptible to a wide range of vulnerabilities, which can be easily used by potential attackers.

That is why the appliance should be constantly and scrupulously analyzed. Deeply understanding the needs and prospects of the enterprise, RSSC deferred to ERPScan experts.

THE SUREFIRE SOLUTION

RSSC selected ERPScan Security Monitoring Suite for SAP to identify and analyze security issues, respond to vulnerabilities, code security issues and SOD violations. This solution was the only one to cover all listed areas, correlate results and help in remediation by even providing automatic correction when possible. As long as SAP HANA is concerned, here the co-operation between RSSC and ERPScan came in handy once again. As an expert in security solutions, ERPScan managed to analyze and reveal existing vulnerabilities and issues. Thus, responding to them in a timely fashion, ERPScan and RSSC were able to improve the Company's defense against possible threats.

SCOPE OF WORK:

- ▶ Full system scan.
- ▶ ABAP code security scanning.
- ▶ Validation of users duties.

The final product was full documentation with specific client's SAP audit details. The report also contains recommendations including even automatically generated corrections for code vulnerabilities, implementation of which will significantly increase level of SAP security.