

# HOW AN **EXPERT** PARTNER

## **SAVED** SOLCAST

### **20%** ON **AWS** COSTS

## INTRODUCTION



Solcast is a leading provider of solar energy data and forecasting services, empowering businesses and organisations in the renewable energy sector with accurate and reliable information to optimise their operations and decision-making processes.

Solcast utilises cutting-edge technology – but found that this was coming at a cost, when performance issues and high costs started affecting the business.

## PERFORMANCE AND COSTS WERE HAMPERING GROWTH

Solcast utilises AWS infrastructure to advanced algorithms to deliver real-time and historical solar radiation and photovoltaic power data, as well as cloud cover predictions globally.

Whilst business was good, Solcast identified that it was facing growing infrastructure costs and creeping performance issues. In order to tackle these, Solcast brought iTelaSoft's AWS team for support and guidance.

## A 5-PART PLAN FOR AWS OPTIMISATION

After conducting a thorough assessment of Solcast's AWS account structure, resource utilisation, and performance metrics, iTelaSoft's AWS team put forward a five-part plan that included:

### Optimising infrastructure performance:

iTelaSoft's team helped Solcast organise its AWS account structure efficiently to improve performance and streamline operations, as well as implemented AWS resource tagging and reporting mechanisms to provide better visibility & the ability to categorise resources

### Implementing cost-effective cloud solutions:

iTelaSoft assisted Solcast in restructuring and optimising its AWS resources to minimise costs while maintaining performance. AWS resource monitoring and alerting capabilities were also provided, allowing Solcast to proactively identify cost-saving opportunities and address performance issues before they escalate

### Enabling continuous monitoring and optimisation:

Keep enough vehicle parts in large-scale dismantling due to a lack of a comprehensive inventory tracking system

### Improving AWS security configurations and enhancements:

iTelaSoft enhanced Solcast's AWS security configurations and implemented best practices & security controls to protect against potential threats and vulnerabilities

### Setting up AWS cost optimisation and budget reports:

iTelaSoft analysed cost drivers, identified cost-saving opportunities, and implemented strategies to help Solcast reduce unnecessary spending. iTelaSoft also continues to generate AWS cost reports and budget forecasts, allowing Solcast to track expenses and make informed decisions to stay within budgetary constraints

## AWS SUPPORT THAT ENSURES SUSTAINED SUCCESS AND GROWTH

iTelaSoft's ongoing support has yielded significant results and impacts for Solcast, positioning it for sustained success and growth in its cloud journey.

### With iTelaSoft's support, Solcast now has:

The HR team experienced a significant reduction in manual An optimised AWS account structure, enabling the business to streamline operations and have enhanced visibility across its organisation workload and administrative burdens

More efficient resource management and allocation, leading to optimised performance & reduced operational overheads

Cost optimisation strategies, resulting in savings of 20% and more proactive cost management

Bolstered security configurations that strengthen Solcast's security posture, mitigate risks, and ensure compliance with regulatory requirements

## GET **THE MOST** OUT OF YOUR **CLOUD** INVESTMENT

iTelaSoft's skilled support team will prevent downtime, reduce costs, and maintain security for you so that you're getting the optimum performance and value out of your systems.

If you want to know what's possible for your business,

[Please contact our team](#)