

# Security Review and Testing

Customer: Ravensdown  
Industry: Agriculture  
Services: Application and Mobile  
Security Assurance  
Testing

## Challenges:

- ▷ Security review
- ▷ Web application testing
- ▷ Mobile application testing

## Outcome:

- ▷ Independent security review and assurance testing
- ▷ Detailed report on findings and recommendations for remediation
- ▷ Regression testing to verify the remediations made



## Ravensdown

Founded in 1978, Ravensdown's mission is 'smarter farming for a better New Zealand'. Helping farmers reduce environmental impact and optimise value from the land through quality products, expertise and innovative technology.

Whether it is food grown for livestock or for human consumption, Ravensdown is an integral part of the food creation process. It is the only co-operative that tests for, advises about, buys, ships, stores, spreads, measures and maps food-creating nutrients and fertiliser in a truly integrated way.

## The challenge

Ravensdown have been steadily increasing the scale and breadth of their security program, commensurate with the increasing risks they face from cyber security threats.

As part of their security program and supporting practices, they undertake security assessments and penetration tests across critical business systems.

Prior to engaging with CyberCX, Ravensdown had kicked off several significant technology programs that involved sufficient changes to their system architecture to warrant a fresh look at their security exposure.

## The solution

CyberCX was engaged to perform a security review and assurance testing to identify any vulnerabilities within Ravensdown's cloud ERP deployment and to ensure its ability to integrate with a newly built cloud Data Lake and Data Warehouse solutions.

- ▶ The security review was carried out against Ravensdown's ERP solution for managing core financials, sales and ordering, supply chain management and asset management, to ensure secure access for public cloud deployment
- ▶ Application penetration testing was needed for authenticated user access via both web and mobile interfaces

A detailed executive report and technical report were provided with findings and recommendations to Ravensdown.

- ▶ Executive Report: A high-level overview of the testing results aimed at executives and project management
- ▶ Technical Report: A more detailed view of the results of the testing, including technical recommendations to resolve uncovered issues. This is aimed at technical staff charged with any remediation work

CyberCX's security review, testing and comprehensive security reports, prioritising actionable recommendations, are designed to help organisations:

- ▶ Harden digital assets against malicious attacks
- ▶ Validate security measures and processes against industry best practices
- ▶ Reduce time and costs associated with managing false positives from automated scans
- ▶ Gain independent verification of systems and configurations

## The outcome

By collaborating with CyberCX, Ravensdown was able to verify their security posture through independent review and testing, conducted by a team of highly qualified security consultants.

- ▶ This has also resulted in regression testing following Ravensdown's remediations
- ▶ Testing was also conducted against the Data Warehouse solution

Having security assurance testing conducted, followed by remediation, further demonstrates Ravensdown's commitment to ensuring they have the necessary processes in place to maintain systems integrity.

*"CyberCX appealed to us because it offered an end-to-end service from scoping, review and assessment, through to reporting and any required follow up. As a very busy internal technology team, we need partners who can listen to our needs and move independently as much as possible."*

**Scott Whitfield**  
Chief Technology Officer

## About CyberCX

CyberCX unites the most trusted experts in delivering an unparalleled, comprehensive end-to-end portfolio of cyber security services across the United States, United Kingdom, Australia and New Zealand.

Contact us to find out how CyberCX can help you achieve your cyber security goals.