

CyberCX New Zealand Ltd.
PO Box 62061
Sylvia Park, Auckland
New Zealand



18 November 2022

Re: Wellnomics Application Security review

At the request of Wellnomics, CyberCX NZ conducted a security assessment against the Wellnomics external facing applications between the 26th July and the 8th August 2022. The purpose of the testing was to identify security vulnerabilities within the applications and their underlying infrastructure and to provide recommendations and solutions.

Testing comprised web application and network penetration testing, utilising user accounts provided for testing. Insomnia Security used a combination of automated tools and manual testing techniques to complete this testing. Testing performed used the OWASP standards as a base minimum, and covered testing for web application security bug classes. Application testing included verifying and checking of vulnerabilities including; Authentication and Authorisation, Parameter tampering, HTTPS examination, Application mapping, Directory manipulation, Session management, Cookie handling, Cross site scripting, SQL/XML/LDAP Injection and Error handling.

While the review did identify several security vulnerabilities within the scope of the review, the review did not identify any high- or critical-risk security findings that would compromise the security of the application, it's users or it's platform

The assessment did note a number of areas where the application and its infrastructure did not meet best practices. These issues include some common weaknesses around areas such as defence in depth, attack surface reduction and error handling. While these did not have a security impact directly observable during the review, these have been raised in the resulting report alongside recommendations to remediate.

At the completion of the review, it was concluded that the systems and applications assessed within the scope of the engagement should be considered sufficiently secure to meet the business requirements for security.

Signed by a duly authorised delegate of CyberCX New Zealand Ltd.

A handwritten signature in blue ink, appearing to read "A. Boileau", followed by a long horizontal line.

Signature: _____

Name: Adam Boileau

Title: Executive Director, Security Testing & Assurance