# Harden the Network Defence Capabilities of the Firewall and Intrusion Prevention Applications at ERG

# **Project Scope Statement**

This proposed project will utilise the network infrastructure at ERG. ERG is a small contracting organisation with 15-20 employees located in Western Australia, and as the Managing Director of ERG I have provided approval for this project scope.

The project scope will be to ‘I*ncrease the Network Defence Capabilities of the Firewall and Intrusion Prevention Applications at ERG’*. The project will be implemented in its stages in real time, on the network at ERG.

Although the scope of this Cyber Security project is limited to only two key areas of a complete Cyber Security Network Hardening Program, it is still expected to substantially increase the ongoing Cyber Security defence of the ERG network from potential network connected threat actors.

As a director of a three companies and board member to two not for profit organisations, I feel even the most basic, and fundamental cyber security defence is often neglected in many small to medium sized organisations that do not operate with a dedicated or allocated network administrator, often relying primarily on ‘IT Personnel’, third party generic firewall and application configurations.

My role in this project will be to review the present firewall and IPS applications and suggest and implement changes that will provide a documented increase in the network defence capabilities of ERG.

The following key deliverables will be targeted.

* Hardening of the Firewall and IDS Applications at ERG

The following assumptions have been made for this project scope.

* The data management systems and data storage facilities will not form part of this projects scope.
* Employee or Contractor Cyber Security Training will not form part of this project scope.
* The training of personnel to manage or configure network equipment will not form part of this project scope.
* Ongoing network maintenance or network monitoring will not form part of this project scope.
* The hardening of the Password Management System at ERG will be excluded from this project scope.
* Operating Systems Patched and Updated on the Network at ERG will be excluded from this project scope.

A project liaison / project manager will be required from the client to enable clear and up to date communications during the project. Administration documentation such as current policies or procedures will potentially be reviewed, and full network access will be required. This project will require discussions and meetings with the present network administrators and end users of the network.

It is assumed the client will be available and helpful in completing the project with the suggested project timeframe and further documented scope and will provide all relevant data and network access as required to satisfy the scope of works, bound by a confidentiality agreement prior to its provision.

This project will include modifications to network equipment, applications, or software systems, as detailed in the deliverables schedule.