Certificate of Research Product Conversion

Project Name	Automated Remediation for Open-Source Software System
Organization	Scantist ltd.
Technique	Auto-remediation for Components
Duration	08/2023-Now
Address	71 Ayer Rajah Crescent, #04-01, Singapore 139951
Contact	DING Sun

Details of the Product Conversion:

Our company has adopted the automated vulnerability remediation technology **Coral**, developed by Professor Chen Sen's team, for securing software supply chain components. This technology focuses on compatibility-preserving vulnerability fixes for **Maven** projects, formulating the remediation process as a multi-objective optimization problem to maximize the number of vulnerabilities fixed while ensuring software compatibility. Through the application of this technology, we have successfully enhanced the comprehensiveness of our company's Software Composition Analysis (**SCA**) vulnerability detection tool. This improvement has contributed to the procurement of our related products by organizations such as **Desay SV Corp** and Continental Corp, thereby expanding new market opportunities.

Signature

01/02/2025