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A large, faint target graphic consisting of two concentric circles and a crosshair, centered on the page. The text is overlaid on this graphic.

## CodeScan Labs Document

## CodeScan 1.9.0 Release Notes

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## Standard Notices

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### Document Revision History

Version	Date	Change	Author	Authoriser
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## 1. Overview

This document describes changes in CodeScan Developer version 1.9.0, in particular changes to the interface, and known bugs to be fixed in future versions.

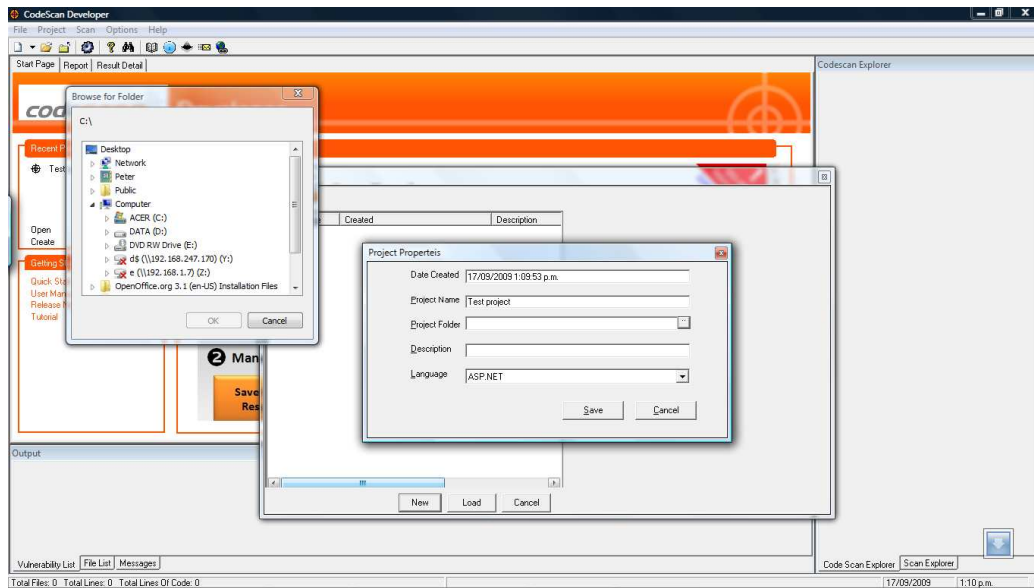
## 2. Hardware Recommendations

CodeScan will automatically scan your source code for potential vulnerabilities. The scanning engine behind CodeScan is very complex, and can take a reasonable length of time to complete a scan. While small codebase such as the sample code we have provided may complete in under a minute, larger code bases will take much longer. Some user input may be required to process dynamic/database driven includes, which pauses the scanning process until they are resolved.

Please be aware of the minimum and recommended system specifications for scanning is: **1.8GHz+ CPU and 1GB RAM minimum, 2GB+ RAM is highly recommended.**

## 3. Enhancements in CodeScan Developer 1.9.0

- CodeScan Developer has been migrated into a .Net 2.0 framework, which has significantly improved overall performance and accuracy of scanning.
- A set of sample code (ASP.NET and PHP) has been provided for download within the CodeScan web site, and packaged with the CodeScan 1.9.0 product to streamline user evaluation of the product, and to provide definitively vulnerable code against which the user will be more able to obtain results.
- The 21 day Trial license is being packaged with the 1.9.0 release, to streamline user installation and set up.
- There have been significant architectural changes to the product, enabling future versions to use either command line or a defined application programming interface, allowing integration with third party development systems. This is currently planned for release in the next few versions.
- The error handling has been significantly updated, providing for a better user experience, and higher levels of stability
- The user interface has been significantly changed, aligning the interface towards a more up to date and clean display and interaction. This is another significant change, with improved navigation. This new design adds more user friendly operation of CodeScan, intuitive navigation, dockable screens, and sets the stage for future functional enhancements for the CodeScan developer product.



Example "Project" set up screens

- Significant improvements in the scanning of PHP and ASP.NET applications. Architectural limitations within the previous versions caused significant memory issues when scanning large applications; this has been resolved.
- The CodeScan help files have been expanded and updated to include functionality covered within the 1.9.0 version.
- The View Results screen now includes clickable severity filters to enable improved analysis of the results.

## 4. Bugs fixed in CodeScan Developer 1.9.0

- Error handling in the CodeScan has been improved to increase stability of the application.
- Intermittent crashes when scanning large ASP or PHP applications have been resolved.
- Some minor issues when scanning .Net applications (missing some .cs files) have been resolved.
- Project Configuration Panel settings were not saved for ASP.NET projects. This has since been resolved.

## 5. Outstanding bugs

- Handling some syntactical quirks in source code is to be improved.