

# DeallInsight - ACME Corp. ExperienSys Application

## Sample Reporting

04/30/2020

This document shows examples of the reporting that CAST DeallInsight™ provides in both the online dashboards and the downloadable report.



# Assessment Executive Summary

This report summarizes the Software Intelligence outputs based on the source code scan of the application. It includes a high-level snapshot of the technology inventory, health, cloud readiness, and open source safety.

## Software Inventory

9 technologies detected

860K lines of code (XXL app)

8,000 files

6.5 FTEs estimated for Software Maintenance

## Cloud Readiness

App score above the industry average

7 cloud migration blockers detected

Estimated 35 man-days of effort to remove blockers

1,472 blocker occurrences

## Software Health

App Software Health above the industry average

Potential longer-term issues with software complexity

Ksh, JSP and JavaScript code have the highest Resiliency risk

## Open Source Safety

146 third-party components detected

2 critical vulnerabilities that should be addressed

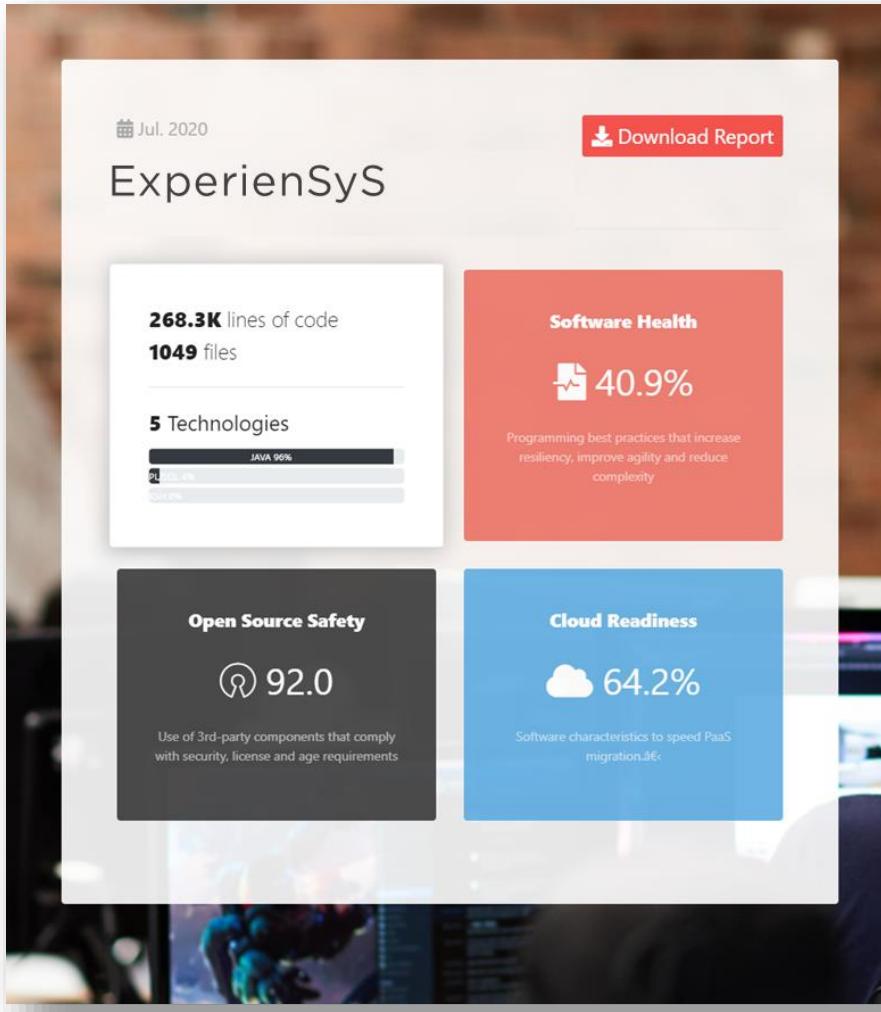
1 high-risk license detected that should be investigated further (potential legal issues)

# DeallInsight - ACME Corp. ExperienSys Application

## Online Dashboards

04/30/2020

# Technology Inventory Dashboard



The screenshot shows the CAST Highlight dashboard for the application "ExperienSys". The main statistics are:

- 268.3K** lines of code
- 1049** files
- 5 Technologies**: JAVA 96%, PL/SQL 4%, KSH 0%, PYTHON 0%, JAVASCRIPT 0%
- Open Source Safety**: 92.0 (Use of 3rd-party components that comply with security, license and age requirements)
- Cloud Readiness**: 64.2% (Software characteristics to speed PaaS migration)
- Software Health**: 40.9% (Programming best practices that increase resiliency, improve agility and reduce complexity)

A red "Download Report" button is visible at the top right.

**</> Tech. Inventory**

Below is an inventory of all the programming languages detected in this software application along with the size of each in terms of lines of code. Specific programming languages will require specific experience and skillsets to maintain and enhance the software.

**Size Benchmark**

**XLarge**  
This application is among the 25% largest apps in the benchmark.

**Distribution by lines of code**

Language	Percentage
JAVA	96%
PL/SQL	4%
KSH	0%
PYTHON	0%
JAVASCRIPT	0%

**Total:** 268,295

**Distribution by files**

Language	Number of Files
JAVA	1029 files
PL/SQL	3 files
KSH	9 files
PYTHON	3 files
JAVASCRIPT	5 files

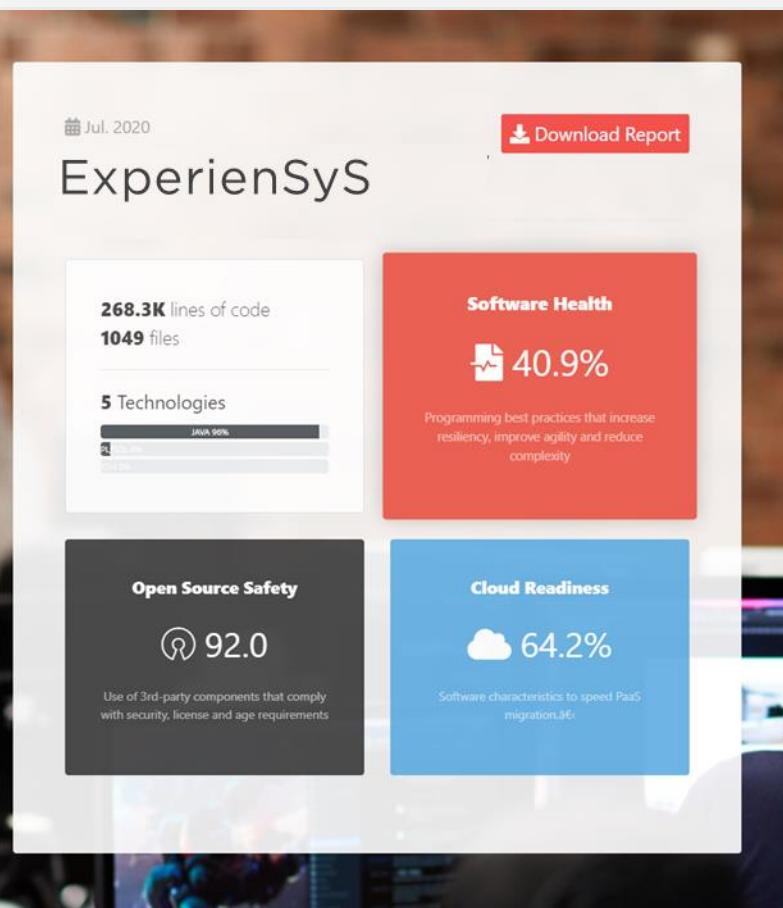
**Total:** 1,049

**12.5 FTE**

Based on COCOMO II (Constructive Cost Model - Post Architecture), the Software Maintenance Effort calculated by CAST Highlight estimates the ideal level of effort in order to maintain an application in good operational conditions, expressed in FTE (Full-Time Equivalent). This indicator is derived both from the code base size and the software health metrics which are computed during the source code scan.

[Deep dive in CAST Highlight](#)

# Software Health Dashboard



## Software Health Overview

Software Health reflects programming practices that increase Resiliency, Agility, and Elegance. Higher Software Health is correlated with software that is more reliable, easier to maintain, and less complex.

### Software Resiliency



55.9

Programming practices that make software more robust and reliable.

### Software Agility



53.3

Programming practices that make software easier to maintain.

### Software Elegance



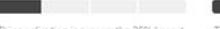
13.5

Programming practices that make software less complex.

#### Industry Benchmark

CAST consolidates and maintains a benchmark repository made up of thousands of applications across the industry. Below are quartiles this application falls within when comparing its scores to the benchmark repository.

##### Software Resiliency



This application is among the 25% lowest scoring apps for Software Resiliency.

##### Software Agility



This application is among the 25% lowest scoring apps for Software Agility.

##### Software Elegance



This application is among the 25% lowest scoring apps for Software Elegance.

#### Software Resiliency Summary

#### Software Agility Summary

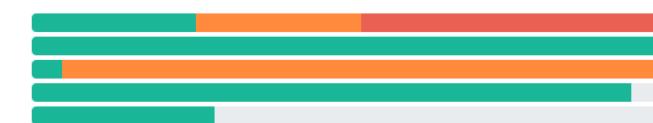
#### Software Elegance Summary

Deep dive in CAST Highlight

## Software Resiliency Summary

The bars below show the distribution of application files segmented by level of risk (low, medium, high) that impact the Software Resiliency score of the application, for each technology stack.

Java  
Pl/Sql  
Ksh  
Python  
JavaScript



## Hotspots for Programming Practices

**KSH** The code of the script contains arguments that are potentially not checked. [?](#)

**KSH** The code contains too many implicit declaration variables. [?](#)

**KSH** The code of the script does not contain the interpreter invocation line. [?](#)

**JS** Avoid Implied Typecasting. [?](#)

**JS** Semicolons seem to be missing too frequently. [?](#)

**JAVA** The code contains too many public attributes. [?](#)

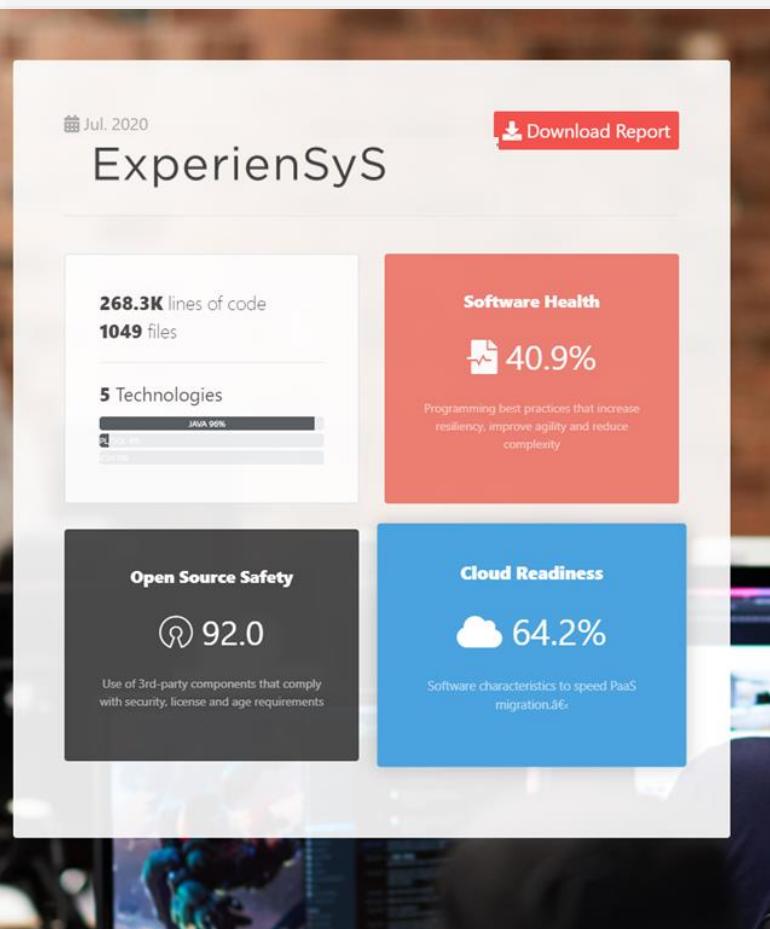
**JAVA** Avoid protected member in final classes [?](#)

**JAVA** The code contains classes that overload equals(Object). [?](#)

**PLSQL** Avoid literal numbers (i.e. Magic numbers are not so magic). [?](#)

**PYTHON** Avoid global variables [?](#)

# Cloud Readiness Dashboard



## Cloud Overview

Cloud Readiness reflects the readiness of the software code to be migrated to cloud PaaS in a more cloud native state. Higher Cloud Readiness signifies software that is easier to modernize to Cloud platforms.

### Cloud Boosters



4.9

Code patterns that represent good practices for making the software more ready to migrate to Cloud.

### Cloud Blockers



21.0

Code patterns that make a migration of software to the cloud harder or impossible.

### Cloud Roadblocks



325

Cloud Roadblocks are the number of blocker occurrences found in the scanned code base.

### Industry Benchmark

CAST consolidates and maintains a benchmark repository made up of thousands of applications across the industry. Below are quartiles this application falls within when comparing its scores to the benchmark repository.

### Cloud Readiness

This application is among the 25% lowest scoring apps for Cloud readiness.

### Cloud Boosters

### Cloud Blockers

Deep dive in CAST Highlight

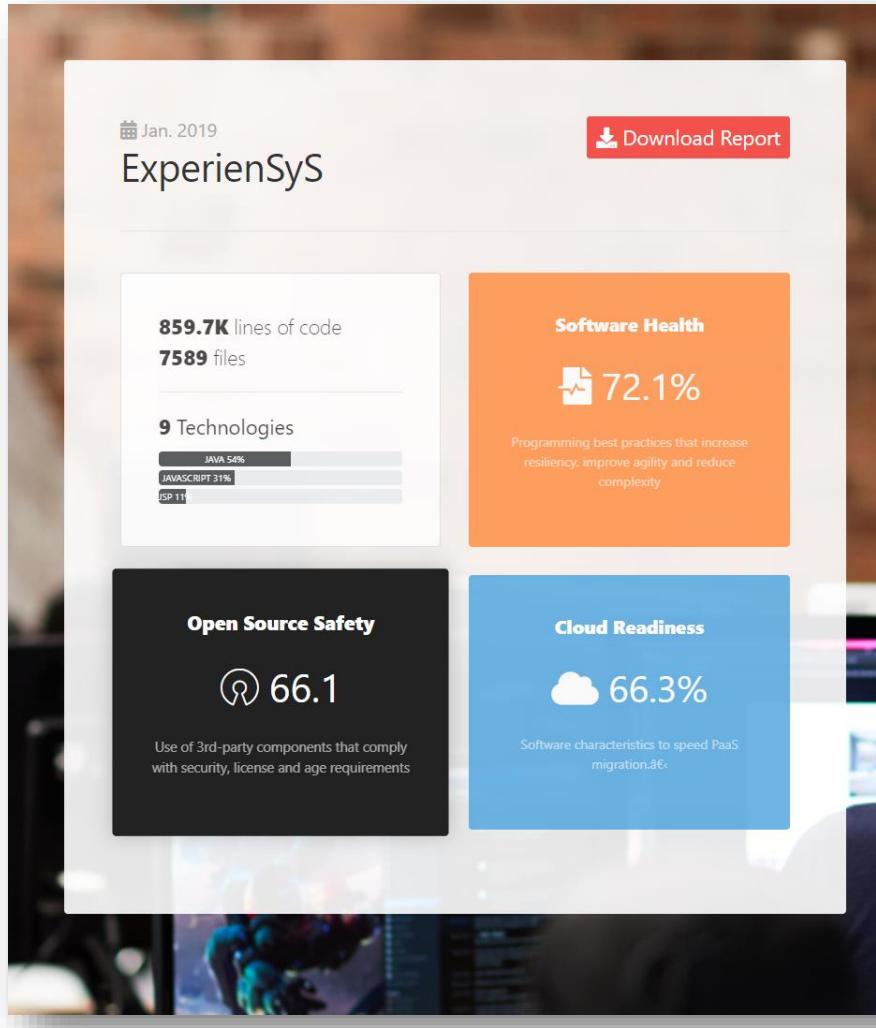
## Cloud Boosters

## Cloud Blockers

The Blocker score (from 0 - 100) is based on the cloud programming practices that CAST DeallInsight™ has identified during the code scan. The score is the sum of all Blocker contributions in percentages. The contribution percentages can be different from a Blocker pattern to another, depending on the importance of patterns.

Requirement	Technology	Contribution	Roadblocks
Access Control List : Using Access Control List	Java	-26.94%	15
Execution Environment : Using file system	Java	-5.39%	4
Persistent Files : Perform File Manipulation	Java	-5.39%	277
Security & User Authentication : Using of unsecured network protocols (HTTP, FTP)	Java	-2.69%	21
Execution Environment : Using hardcoded network IP address (IPV4, IPV6)	Java	-2.69%	2
Execution Environment : Using file system	Python	-20.00%	6

# Open Source Safety Dashboard



Jan. 2019

ExperienSys

[Download Report](#)

**859.7K** lines of code  
**7589** files

**9** Technologies

JAVA 54%  
JAVASCRIPT 31%  
ESP 11%

**Software Health**  
72.1%  
Programming best practices that increase resiliency, improve agility and reduce complexity

**Open Source Safety**  
66.1  
Use of 3rd-party components that comply with security, license and age requirements

**Cloud Readiness**  
66.3%  
Software characteristics to speed PaaS migration

**Open Source Overview**

Open Source Safety reflects the use of open source and 3rd party components that reduce security vulnerability, IP licensing, and obsolescence risks. Higher Open Source Safety indicates that open source components in use present lower risks.

**Components**: 146  
Number of Open Source & Third-Party components detected during the scan

**Vulnerabilities**: 46  
Number of possible CVEs detected on third-party components

**License Risk**: 2  
Number of third-party components with a potentially risky license.

**Obsolescence**: Nov. 2012  
Average release date of detected third-party components

**Industry Benchmark**

**Possible Vulnerabilities (CVEs)**

CAST leverages the NIST/MITRE database on CVEs (Common Vulnerabilities and Exposures) to identify possible security issues your software may have when they reference or use specific versions of frameworks, libraries or third-party components that contain security flaws. The CVE count is the total number of distinct vulnerabilities across components detected.

CVE ID	Description	CWE ID	Description
CVE-2014-0114	commons-beanutils:commons-beanutils 1.7.0	CWE-20	Improper Input Validation
CVE-2019-10086	commons-beanutils:commons-beanutils 1.7.0	CWE-502	Deserialization of Untrusted Data
CVE-2020-1945	org.apache.ant:ant-antlr 1.8.2	CWE-200	Information Exposure
CVE-2020-1945	org.apache.ant:ant-apache-bsf 1.8.2	CWE-200	Information Exposure

# DeallInsight - ACME Corp. ExperienSys Application

## Downloadable Report

04/30/2020

 ExperienSys

## Software Resiliency

79.9



## Software Agility

69.7



## Software Elegance

66.8

CloudReady  
66.6

## Open Source Safety

N/A



## Technologies

9

## Code Size

860 k

## Files

8 k

## Cloud Roadblocks

1472

## BackFired FPs

20 k

## Technical Debt

\$4 m

## OSS Components

146

## Possible Vulnerabilities

22





# ExperienSys

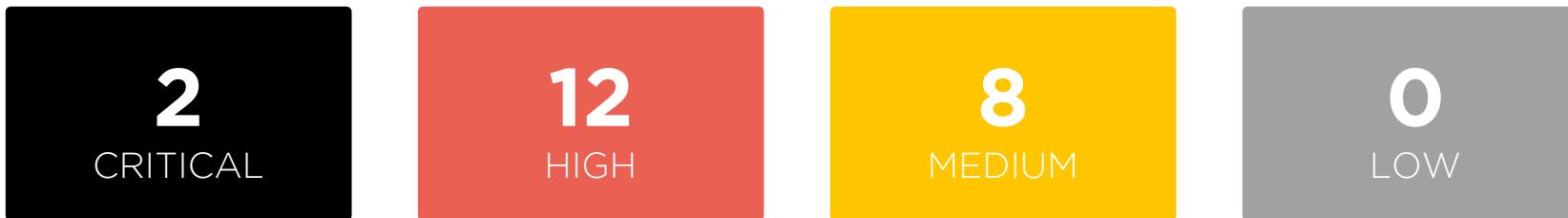
## Third-party

CAST Consolidates one of the largest databases on software components, with billions of signatures (fingerprints) computed for each version of open source and third-party components. Based on this unique database Highlight compares your application files fingerprint and aggregates component, version, license, release date information at both portfolio and application levels.

### Third-Party License Risk



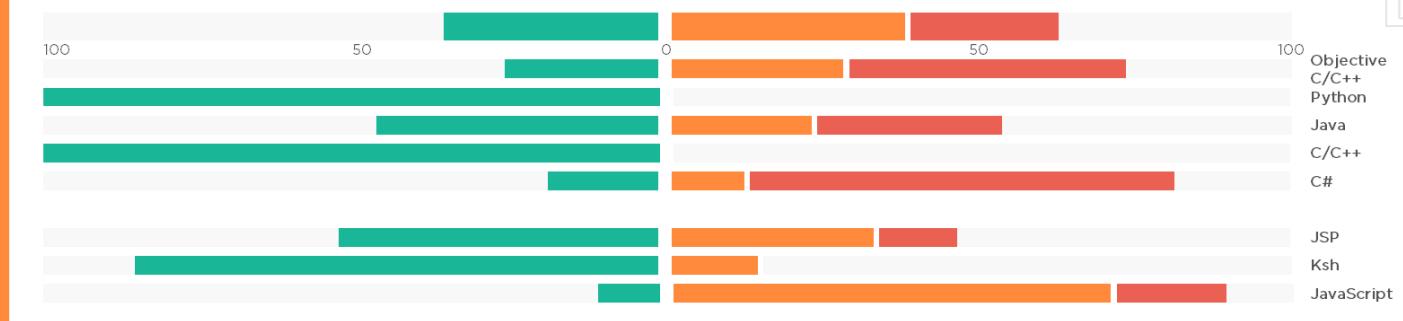
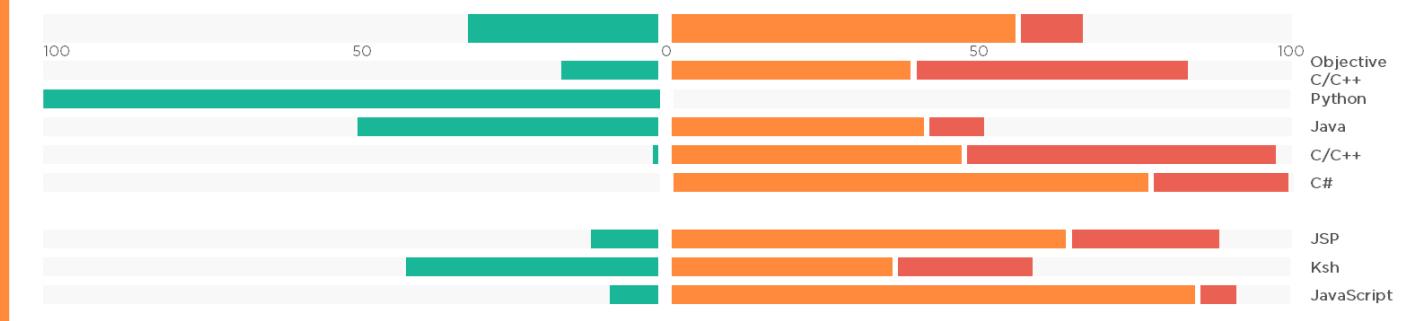
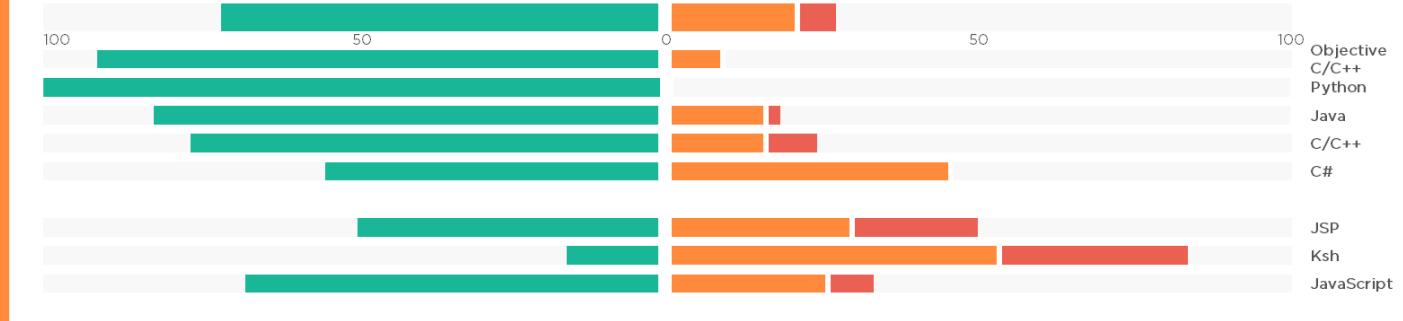
### Possible Vulnerabilities





# Software Health ExperienSys

04/30/2020

 ExperienSys  
Risk Distribution



# ExperienSys

## Code Alerts - Objective C/C++

**Software Resiliency**  
**93.5**



Code Alerts	Frequency
Unexpected instance variable	34.09 %
The code contains macro definition	25 %
The code contains too many implied global variables. To prevent conflicts in global scope, all variables should be explicitly declared (and if possible not in global scope).	11.36 %
Avoid methods or function with too many arguments	6.82 %
The code contains too many structured type definitions	13.64 %

Find more on [casthighlight.com](https://casthighlight.com)

Riskiest Files	Code Size
platform/ACMEMobile/plugins/cordova-plugin-file/src/osx\CDVFile.h	101
platform/ACMEMobile/platforms/ios/ACMEMobile/Plugins/cordova-plugin-file\CDVFile.h	103
platform/ACMEMobile/platforms/ios/ACMEMobile/Plugins/org.apache.cordova.splashscreen\CDVSplashScreen.h	17
platform/ACMEMobile/plugins/cordova-plugin-file-transfer/src/ios\CDVFileTransfer.h	53
platform/ACMEMobile/platforms/ios/ACMEMobile/Plugins/org.apache.cordova.network-information\CDVReachability.h	19

Find more on [casthighlight.com](https://casthighlight.com)



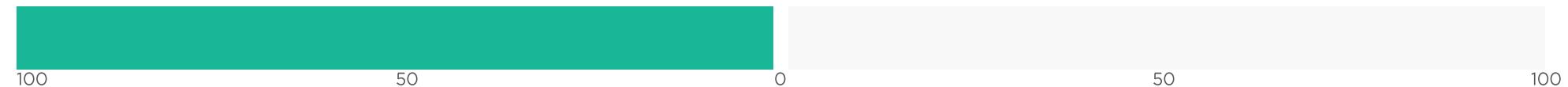


# ExperienSys

## Code Alerts - Python

**Software Resiliency**

**92.6**



### Code Alerts

### Frequency

Avoid global variables

50 %

### Riskiest Files

### Code Size

amperes/thirdparty/apache/ant/1.8.2/bin\runant.py

47

amperes/thirdparty/apache/ant/1.6.5/bin\runant.py

46

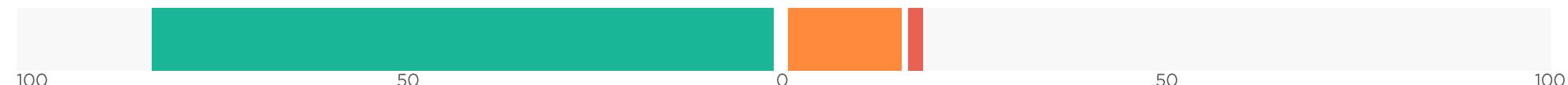




# ExperienSys

## Code Alerts - Java

**Software Resiliency**  
**86.5**



Code Alerts	Frequency
Exceptions shouldn't be caught with system exception classes.	15.06 %
The code contains use of getClass().getName().	12.98 %
The code contains too many catches that do nothing.	8.83 %
The code contains uses of "instanceof".	17.66 %
Using {curly braces} is less error-prone.	21.91 %

Find more on [casthighlight.com](https://casthighlight.com)

Riskiest Files	Code Size
amperes/src/main/com/Tantra/amperes/core/util/export\PdfGeneratorComponent.java	6 k
amperes/src/main/com/Tantra/amperes/core/session/customersetup\CustomerSetupSessionBean.java	4 k
amperes/src/main/com/Tantra/amperes/core/session/onlineapplication\OnlineApplicationSessionBean.java	2 k
amperes/src/main/com/Tantra/amperes/core/util/export\CsvGeneratorComponent.java	3 k
amperes/src/main/com/Tantra/amperes/core/session/selfenrollment\SelfEnrollmentSessionBean.java	2 k

Find more on [casthighlight.com](https://casthighlight.com)





# ExperienSys

## Code Alerts - C/C++

**Software Resiliency**  
**84.6**



Code Alerts	Frequency
Using {curly braces} is less error-prone.	14.58 %
The code contains classes with missing destructor declarations	25 %
The code contains too many switch cases with missing ending breaks.	15.63 %
Structural code complexity may be too high.	12.5 %
Incorrect dynamic class definition.	4.17 %

Find more on [casthighlight.com](https://casthighlight.com)

Riskiest Files	Code Size
platform/ACMEMobile/plugins/cordova-plugin-file/src/ubuntu\file.cpp	698
platform/ACMEMobile/plugins/org.apache.cordova.network-information/src/ubuntu\network_information.cpp	43
platform/ACMEMobile/plugins/cordova-plugin-file-transfer/src/ubuntu\file-transfer.h	60
platform/ACMEMobile/plugins/cordova-plugin-file/src/ubuntu\file.h	49
platform/ACMEMobile/plugins/cordova-plugin-inappbrowser/src/ubuntu\inappbrowser.h	25

Find more on [casthighlight.com](https://casthighlight.com)





# ExperienSys

## Code Alerts - C#

### Software Resiliency

79.2



### Code Alerts

The code contains too many public attributes.

### Frequency

41.94 %

The code contains uses of "is".

12.9 %

The code contains too many catches that do nothing.

25.81 %

The code contains too many switches with missing defaults.

12.9 %

Avoid literal numbers (i.e. Magic numbers are not so magic).

6.45 %

### Riskiest Files

### Code Size

platform/ACMEMobile/plugins/cordova-plugin-file/src/wp\File.cs

1 k

platform/ACMEMobile/plugins/cordova-plugin-file-transfer/src/wp\FileTransfer.cs

738

platform/ACMEMobile/plugins/cordova-plugin-inappbrowser/src/wp\InAppBrowser.cs

367

platform/ACMEMobile/plugins/nlx-services.plugins.actionsheet/src/wp8\ActionSheet.cs

149





# ExperienSys

## Code Alerts - JSP

### Software Resiliency

71.5



### Code Alerts

Code Alerts	Frequency
Too many imported Tag library not used in the page	33.84 %
Wildcard imports should not be used too frequently.	26.42 %
Tag library should be stored in WEB-INF subdirectory to avoid direct access from browser	12.33 %
Too many usage of Scriptlet. Usage of JSP Standard Tag Library should be preferred	7.09 %
Missing catch on parsing numbers.	2.47 %

Find more on [casthighlight.com](https://casthighlight.com)

### Riskiest Files

Riskiest Files	Code Size
amperes/src/webapps/jump/onlineapplication/jointprintforms.jsp	2 k
amperes/src/webapps/amperes/pa/portfolio.jsp	1 k
amperes/src/webapps/jump/onlineappmgrprint.jsp	2 k
amperes/src/webapps/jump/onlineapplication/printforms.jsp	1 k
amperes/src/webapps/jump/onlineapplication/editinfo.jsp	2 k

Find more on [casthighlight.com](https://casthighlight.com)



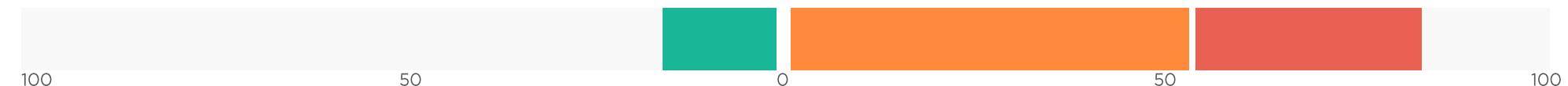


# ExperienSys

## Code Alerts - Ksh

### Software Resiliency

64.5



#### Code Alerts

The code of the script contains arguments that are potentially not checked.

#### Frequency

22.87 %

The code has no explicit EXIT instruction in last statement

21.36 %

The code contains too many implicit declaration variables.

11.48 %

The code contains too many piped commands.

16.24 %

The code contains too many simplified syntaxes for conditions and calls.

8.06 %

Find more on [casthighlight.com](https://casthighlight.com)

#### Riskiest Files

#### Code Size

amperes\gradlew

124

platform/ACMEMobile/platforms/android\gradlew

118

amperes/batch\_oracle/scripts\BPSOpenOrder.sh

119

amperes/batch/scripts\BPSOpenOrder.sh

118

amperes/batch\_oracle/config\amperes.profile

139

Find more on [casthighlight.com](https://casthighlight.com)





# ExperienSys

## Code Alerts - JavaScript

### Software Resiliency

72



### Code Alerts

The code contains too many double quote strings. Single quotes are preferred.

### Frequency

42.26 %

Avoid Implied Typecasting.

24.42 %

Avoid using 'this' unless it points to a newly created object (and tested).

4.23 %

The code contains too many redundant object members access. Use intermediate variables to factorize and improve performance.

7.76 %

The code contains too many "for in" loops.

2.84 %

Find more on [casthighlight.com](https://casthighlight.com)

### Riskiest Files

### Code Size

amperes/src/webapps/amperes/esapi4js\esapi.js::root

2 k

platform/ACMEMobile/platforms/android/cordova/node\_modules/cordova-common/node\_modules/plist/dist\plist-parse.js::root

3 k

amperes/src/webapps/wealth/js\app.js::root

2 k

amperes/src/webapps/amperes/esapi4js/lib\log4js.js::root

1 k

platform/ACMEMobile/platforms/android/cordova/node\_modules/elementtree/node\_modules/sax/lib\sax.js::anonymous\_0\_at\_line\_2

836

Find more on [casthighlight.com](https://casthighlight.com)





# ExperienSys

## Code Alerts - Objective C/C++

### Software Agility

53



#### Code Alerts

	Frequency
Ensure the code contains enough block of comments.	70.98 %
A line of code shouldn't be too long to help readability.	12.53 %
The code contains too many class definitions in a same file	6.07 %
Short code identifiers are harder to understand.	3.69 %
Attribute, classes and methods should follow a naming convention.	2.51 %

Find more on [casthighlight.com](https://casthighlight.com)

#### Riskiest Files

	Code Size
platform/ACMEMobile/platforms/ios/ACMEMobile/Plugins/cordova-plugin-file\CDVFile.h	103
platform/ACMEMobile/plugins/cordova-plugin-file/src/osx\CDVFile.h	101
platform/ACMEMobile/platforms/ios/ACMEMobile/Plugins/cordova-plugin-inappbrowser\CDVInAppBrowser.h	59
platform/ACMEMobile/platforms/ios/CordovaLib/Classes\CDVPluginResult.h	36
platform/ACMEMobile/platforms/ios/CordovaLib/Classes\CDVPlugin.h	23

Find more on [casthighlight.com](https://casthighlight.com)

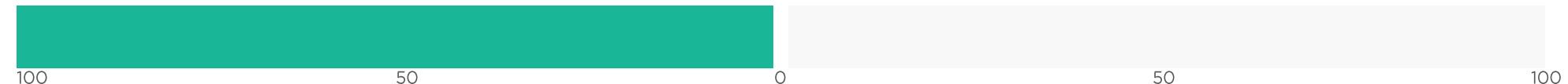




# ExperienSys

## Code Alerts - Python

**Software Agility**  
**81.5**



Code Alerts	Frequency	Riskiest Files	Code Size
Avoid multiline conditional expressions and do not use backslash line continuation	60 %	amperes/thirdparty/apache/ant/1.8.2/bin\runant.py	47
Avoid imports on the same line	40 %	amperes/thirdparty/apache/ant/1.6.5/bin\runant.py	46





# ExperienSys

## Code Alerts - Java

**Software Agility**  
**74.1**



Code Alerts	Frequency
Ensure the code contains enough block of comments.	25.88 %
A line of code shouldn't be too long to help readability.	16.24 %
The code contains too many uses of ternary operator.	3.71 %
Code indentation, line, and character encoding formats should be consistent.	12.36 %
Method parameters should have their description tag.	18.74 %

Find more on [casthighlight.com](https://casthighlight.com)

Riskiest Files	Code Size
amperes/src/main/com/Tantra/amperes/core/util/export\PdfGeneratorComponent.java	6 k
amperes/src/main/com/Tantra/amperes/core/session/accountprofile\BPSAccountProfileProvider.java	3 k
amperes/src/main/com/Tantra/amperes/core/util/export\CsvGeneratorComponent.java	3 k
amperes/src/main/com/Tantra/amperes/core/session/customersetup\CustomerSetupSessionBean.java	4 k
amperes/src/main/com/Tantra/amperes/core/interfaces\FIXMessage.java	2 k

Find more on [casthighlight.com](https://casthighlight.com)





# ExperienSys

## Code Alerts - C/C++

### Software Agility

53



### Code Alerts

Ensure the code contains enough block of comments.

Frequency

63.18 %

The code contains too many uses of ternary operator.

1.99 %

Short code identifiers are harder to understand.

8.96 %

Attribute, classes and methods should follow a naming convention.

2.99 %

The file contains too many class definitions.

1.99 %

Find more on [casthighlight.com](https://casthighlight.com)

### Riskiest Files

Code Size

platform/ACMEMobile/plugins/cordova-plugin-file/src/ubuntu\file.cpp

698

platform/ACMEMobile/plugins/cordova-plugin-file-transfer/src/ubuntu\file-transfer.cpp

200

platform/ACMEMobile/plugins/cordova-plugin-file-transfer/src/ubuntu\file-transfer.h

60

platform/ACMEMobile/plugins/cordova-plugin-file/src/ubuntu\file.h

49

platform/ACMEMobile/plugins/cordova-plugin-inappbrowser/src/ubuntu\inappbrowser.cpp

48

Find more on [casthighlight.com](https://casthighlight.com)





# ExperienSys

## Code Alerts - C#

**Software Agility**  
**56.3**



Code Alerts	Frequency
Ensure the code contains enough block of comments.	27.16 %
A file contains too many class definitions.	7.41 %
Method parameters should have their description tag.	16.05 %
The code contains too many lines containing several instructions.	9.88 %
The code contains classes that do not conform to the following declaration order : constant, instance variable, properties, constructor, operators, methods.	9.88 %

Find more on [casthighlight.com](https://casthighlight.com)

Riskiest Files	Code Size
platform/ACMEMobile/plugins/cordova-plugin-file/src/wp\File.cs	1 k
platform/ACMEMobile/plugins/cordova-plugin-inappbrowser/src/wp\InAppBrowser.cs	367
platform/ACMEMobile/plugins/cordova-plugin-file-transfer/src/wp\FileTransfer.cs	738
platform/ACMEMobile/plugins/nlx-services.plugins.actionsheet/src/wp8\ActionSheet.cs	149
platform/ACMEMobile/plugins/org.apache.cordova.device/src/wp\Device.cs	101

Find more on [casthighlight.com](https://casthighlight.com)

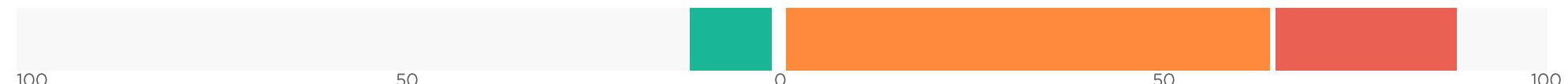




# ExperienSys

## Code Alerts - JSP

**Software Agility**  
**61.1**



Code Alerts	Frequency
Low rating of comments in code	36.97 %
Ensure the code contains enough block of comments.	21.36 %
Avoid usage of tabulation for indentation.	14.13 %
A line of code shouldn't be too long to help readability.	12.26 %
Avoid using HTML comments in page	7.06 %

Find more on [casthighlight.com](https://casthighlight.com)

Riskiest Files	Code Size
amperes/src/webapps/jump/onlineapplication/jointprintforms.jsp	2 k
amperes/src/webapps/jump/onlineapplication/editinfo.jsp	2 k
amperes/src/webapps/jump\onlineappmgrprint.jsp	2 k
amperes/src/webapps/amperes/pa\portfolio.jsp	1 k
amperes/src/webapps/jump/onlineapplication\printforms.jsp	1 k

Find more on [casthighlight.com](https://casthighlight.com)





# ExperienSys

## Code Alerts - Ksh

**Software Agility**  
**66.1**



Code Alerts	Frequency
The code has a low code/comment interleaving rate	35.41 %
The code contains too many local variables with a bad name.	24.51 %
The code contains too many exported variables with a bad name.	25.82 %
Too much commented out code can be counter-productive.	3.63 %
The code contains too many lines badly indented.	1.48 %

Find more on [casthighlight.com](https://casthighlight.com)

Riskiest Files	Code Size
amperes/batch_oracle/config\amperes.profile	139
amperes/batch/config\amperes.profile	137
amperes/batch_oracle\jumpDatabaseUpdate.sh	121
amperes/batch\jumpDatabaseUpdate.sh	132
amperes/batch_oracle/scripts/daily\BPSAPositionload.sh	76

Find more on [casthighlight.com](https://casthighlight.com)

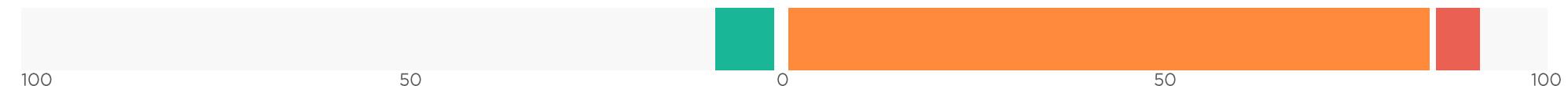




# ExperienSys

## Code Alerts - JavaScript

**Software Agility**  
**65.5**



Code Alerts	Frequency
Ensure the code contains enough block of comments.	51.77 %
Attribute, classes and methods should follow a naming convention.	10.47 %
The code contains too many functions prototyped with bad presentations. There should be no space between the name of a function and the left parenthesis of its parameter list, unless case of an anonymous literal function.	5.66 %
Short code identifiers are harder to understand.	25.02 %
The code contains too many misplaced var statements. Var statements should always take place at the beginning of the scope (main script level or functions are the only existing scopes in javascript).	2.03 %

Find more on [casthighlight.com](https://casthighlight.com)

Riskiest Files	Code Size
platform/ACMEMobile/platforms/android/cordova/node_modules/cordova-common/node_modules/plist/dist\plist-parse.js::root	3 k
amperes/src/webapps/amperes/esapi4js\esapi.js::root	2 k
amperes/src/webapps/wealth/js\app.js::root	2 k
amperes/src/webapps/wealth/js\controllers.js::root	1 k
platform/ACMEMobile/platforms/android/assets/www\cordova.js::anonymous_0_at_line_21	1 k

Find more on [casthighlight.com](https://casthighlight.com)





# ExperienSys

Code Alerts - Objective C/C++

## Software Elegance

61.7



Code Alerts	Frequency	Riskiest Files	Code Size
The code vocabulary frequency may be too low.	43.86 %	platform/ACMEMobile/platforms/ios/ACMEMobile/Plugins/cordova-plugin-file\CDVFile.h	103
Bulky files are complex to work with.	32.46 %	platform/ACMEMobile/plugins/cordova-plugin-file/src/osx\CDVFile.h	101
The code has too many methods per class	13.16 %	platform/ACMEMobile/platforms/ios/ACMEMobile/Plugins/cordova-plugin-inappbrowser\CDVInAppBrowser.h	59
The code has too many attributes per class	3.51 %	platform/ACMEMobile/plugins/cordova-plugin-file-transfer/src/ios\CDVFileTransfer.h	53
The code contains too many includes	7.02 %	platform/ACMEMobile/platforms/ios/CordovaLib/Classes\CDVViewController.h	35

Find more on [casthighlight.com](http://casthighlight.com)





# ExperienSys

## Code Alerts - Python

**Software Elegance**  
**88.9**



Code Alerts	Frequency	Riskiest Files	Code Size
Structural code complexity may be too high.	66.67 %	amperes/thirdparty/apache/ant/1.8.2/bin\runant.py	47
Bulky files are complex to work with.	33.33 %	amperes/thirdparty/apache/ant/1.6.5/bin\runant.py	46

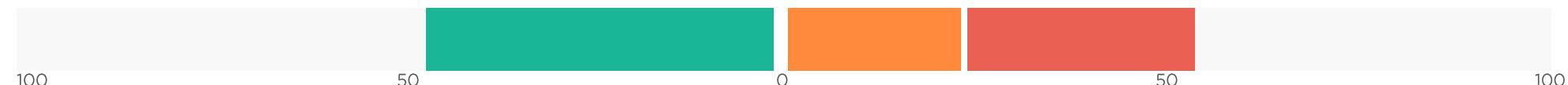




# ExperienSys

## Code Alerts - Java

**Software Elegance**  
**66.2**



Code Alerts	Frequency
Bulky files are complex to work with.	24.91 %
Structural code complexity may be too high.	22.82 %
The code vocabulary frequency may be too low.	23.49 %
Levels of logic complexity and conditions seem to be unbalanced.	26 %
The code contains too many complex conditions (conditionals expressions with at least && and    logical operator, and composed with too many simple conditions (comparisons expressions)).	2.78 %

Riskiest Files	Code Size
amperes/src/main/com/Tantra/amperes/core/util/export\PdfGeneratorComponent.java	6 k
amperes/src/main/com/Tantra/amperes/core/session/customersetup\CustomerSetupSessionBean.java	4 k
amperes/src/main/com/Tantra/amperes/core/action/bps/onlineapplication\OnlineApplicationAccountInfoAction.java	2 k
amperes/src/main/com/Tantra/amperes/core/util/export\CsvGeneratorComponent.java	3 k
amperes/src/main/com/Tantra/amperes/core/session/accountprofile\BPSAccountProfileProvider.java	3 k

Find more on [casthighlight.com](http://casthighlight.com)





# ExperienSys

## Code Alerts - C/C++

### Software Elegance

76.1



Code Alerts	Frequency
Structural code complexity may be too high.	28.57 %
The code contains too many operand with a high level of data dereference.	14.29 %
Levels of logic complexity and conditions seem to be unbalanced.	14.29 %
The code has too many methods per class	14.29 %

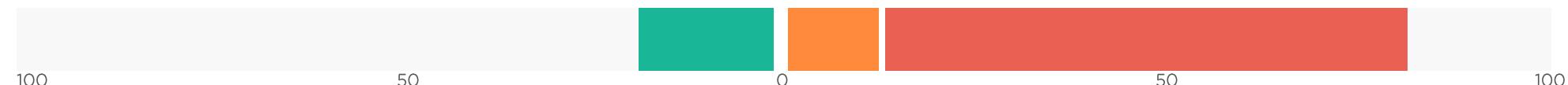
Riskiest Files	Code Size
platform/ACMEMobile/plugins/cordova-plugin-file/src/ubuntu\file.cpp	698
platform/ACMEMobile/plugins/cordova-plugin-file-transfer/src/ubuntu\file-transfer.cpp	200
platform/ACMEMobile/plugins/cordova-plugin-file/src/ubuntu\file.h	49





# ExperienSys

## Code Alerts - C#

**Software Elegance****48.1**

Code Alerts	Frequency	Riskiest Files	Code Size
Bulky files are complex to work with.	43.75 %	platform/ACMEMobile/plugins/cordova-plugin-file/src/wp\File.cs	1 k
The code vocabulary frequency may be too low.	25 %	platform/ACMEMobile/plugins/cordova-plugin-file-transfer/src/wp\FileTransfer.cs	738
Levels of logic complexity and conditions seem to be unbalanced.	6.25 %	platform/ACMEMobile/plugins/cordova-plugin-inappbrowser/src/wp\InAppBrowser.cs	367

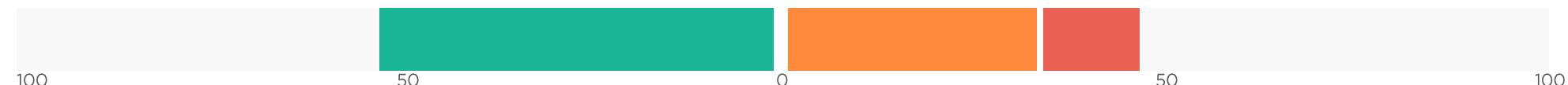




# ExperienSys

## Code Alerts - JSP

**Software Elegance**  
**74.2**



Code Alerts	Frequency
Bulky files are complex to work with.	40.08 %
Avoid using too many scriptlets	19.8 %
Structural code complexity may be too high.	14.1 %
The code vocabulary frequency may be too low.	20.32 %
Levels of logic complexity and conditions seem to be unbalanced.	5.63 %

Riskiest Files	Code Size
amperes/src/webapps/jump/onlineapplication/jointprintforms.jsp	2 k
amperes/src/webapps/jump/onlineapplication/printforms.jsp	1 k
amperes/src/webapps/amperes/pa/portfolio.jsp	1 k
amperes/src/webapps/jump/accountbalancesholdings.jsp	969
amperes/src/webapps/jump/positions.jsp	954

Find more on [casthighlight.com](https://casthighlight.com)





# ExperienSys

## Code Alerts - Ksh

**Software Elegance**  
**92**



Code Alerts	Frequency
The code contains too many EXIT statements.	77.16 %
The code vocabulary frequency may be too low.	19.14 %
Bulky files are complex to work with.	3.7 %

Riskiest Files	Code Size
amperes/batch_oracle/scripts/daily\BPSAPositionload.sh	76
amperes/batch/scripts/daily\BPSAPositionload.sh	71
amperes/batch_oracle/scripts/daily\BPSOpenOrderload.sh	66
amperes/batch/scripts/daily\BPSOpenOrderload.sh	64
amperes/batch_oracle/scripts/daily\BPSAActivityHistoryload.sh	63

Find more on [casthighlight.com](http://casthighlight.com)

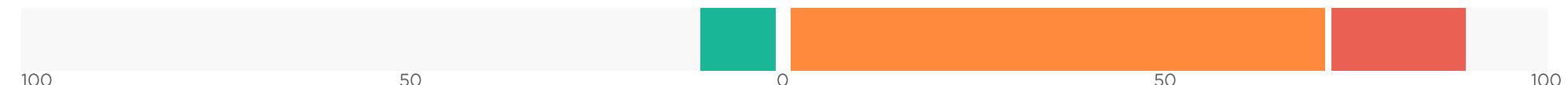




# ExperienSys

## Code Alerts - JavaScript

**Software Elegance**  
**64.3**



Code Alerts	Frequency
The code contains too many and too long top level functions. (top level functions are the unit for highlight analysis)	53.08 %
The code contains too many top level functions declaring too many functions in it. The functionalities provided by the code are insufficiently decomposed.	28.05 %
Levels of logic complexity and conditions seem to be unbalanced.	14.95 %
Structural code complexity may be too high.	1.89 %
The code contains too many complex conditions (conditionals expressions with at least && and    logical operator, and composed with too many simple conditions (comparisons expressions)).	2.03 %

Riskiest Files	Code Size
platform/ACMEMobile/platforms/android/cordova/node_modules/cordova-common/node_modules/plist/dist\plist-parse.js::root	3 k
amperes/src/webapps/amperes/esapi4js\esapi.js::root	2 k
amperes/src/webapps/wealth/js\app.js::root	2 k
platform/ACMEMobile/platforms/android/assets/www\cordova.js::anonymous_0_at_line_21	1 k
platform/ACMEMobile/platforms/android/cordova/node_modules/q\q.js::root	1 k
Find more on <a href="https://casthighlight.com">casthighlight.com</a>	





# Open Source Safety ExperienSys

04/30/2020

 ExperienSys  
Possible Vulnerabilities

CVE	Severity	Component	Version	Type
<a href="#">CVE-2016-1000031</a>	CRITICAL	apache-commons_fileupload	*	CWE-284 Improper Access Control
<a href="#">CVE-2019-15052</a>	CRITICAL	gradle-gradle	*	CWE-255 Credentials Management
<a href="#">CVE-2017-3160</a>	HIGH	apache-cordova	*	NVD-CWE-noinfo null
<a href="#">CVE-2016-6799</a>	HIGH	apache-cordova	*	CWE-532 Information Exposure Through Log Files
<a href="#">CVE-2016-3092</a>	HIGH	apache-tomcat	7.0.28	CWE-20 Improper Input Validation
<a href="#">CVE-2017-18077</a>	HIGH	brace_expansion_project-brace_expansion	*	CWE-20 Improper Input Validation
<a href="#">CVE-2016-10540</a>	HIGH	minimatch_project-minimatch	*	CWE-20 Improper Input Validation
<a href="#">CVE-2012-6637</a>	HIGH	adobe-phonegap	2.6.0	CWE-20 Improper Input Validation
<a href="#">CVE-2014-1884</a>	HIGH	adobe-phonegap	2.6.0	CWE-264 Permissions, Privileges, and Access Controls
<a href="#">CVE-2014-1881</a>	HIGH	adobe-phonegap	2.6.0	CWE-264 Permissions, Privileges, and Access Controls



 ExperienSys  
Possible Vulnerabilities

CVE	Severity	Component	Version	Type
<a href="#">CVE-2014-1882</a>	HIGH	adobe-phonegap	2.6.0	CWE-264 Permissions, Privileges, and Access Controls
<a href="#">CVE-2019-17571</a>	HIGH	apache-log4j	*	CWE-502 Deserialization of Untrusted Data
<a href="#">CVE-2014-0114</a>	HIGH	apache-struts	1.2.2	CWE-20 Improper Input Validation
<a href="#">CVE-2019-10086</a>	HIGH	apache-commons_beanutils	*	CWE-502 Deserialization of Untrusted Data
<a href="#">CVE-2015-5208</a>	MEDIUM	apache-cordova	*	CWE-20 Improper Input Validation
<a href="#">CVE-2015-1835</a>	MEDIUM	apache-cordova	4.0.1	CWE-20 Improper Input Validation
<a href="#">CVE-2015-5207</a>	MEDIUM	apache-cordova	*	CWE-284 Improper Access Control,CWE-254 7PK - Security Features
<a href="#">CVE-2019-16370</a>	MEDIUM	gradle-gradle	*	CWE-20 Improper Input Validation
<a href="#">CVE-2019-11065</a>	MEDIUM	gradle-gradle	*	CWE-254 7PK - Security Features
<a href="#">CVE-2014-3500</a>	MEDIUM	apache-cordova	*	CWE-17 null





# ExperienSys

## Possible Vulnerabilities

CVE	Severity	Component	Version	Type
<a href="#">CVE-2015-8320</a>	MEDIUM	apache-cordova	*	NVD-CWE-Other null
<a href="#">CVE-2015-5256</a>	MEDIUM	apache-cordova	*	CWE-264 Permissions, Privileges, and Access Controls





# ExperienSys

## License Risk

License	Risk Profile	Component	Version
<a href="#">GNU Lesser General Public Licenses Family</a>	HIGH	<a href="#">xmldom</a>	0.1.17
<a href="#">GNU Lesser General Public Licenses Family</a>	HIGH	<a href="#">xmldom</a>	0.1.19
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-commons-logging</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-jmf</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-jsch</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	commons-net:commons-net	3.5
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cordova-plugin-file-transfer</a>	1.6.0
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-jdepend</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">commons-validator:commons-validator</a>	1.3.0
<a href="#">Apache License 2.0</a>	LOW	<a href="#">commons-codec:commons-codec</a>	1.10
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cordova-registry-mapper</a>	1.1.13





# ExperienSys

## License Risk

License	Risk Profile	Component	Version
<a href="#">Apache License 2.0</a>	LOW	commons-lang:commons-lang	2.3
<a href="#">Apache License 2.0</a>	LOW	<a href="#">commons-configuration:commons-configuration</a>	1.10
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-netrexx</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-swing</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-antlr</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-apache-resolver</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-apache-bcel</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-jai</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-commons-net</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">log4j:log4j</a>	1.2.17
<a href="#">Apache License 2.0</a>	LOW	commons-collections:commons-collections	3.2.2





# ExperienSys

## License Risk

License	Risk Profile	Component	Version
<a href="#">Apache License 2.0</a>	LOW	<a href="#">commons-dbutils:commons-dbutils</a>	1.3
<a href="#">Apache License 2.0</a>	LOW	<a href="#">stitch-cordova-plugin-file</a>	3.0.1-dev
<a href="#">Apache License 2.0</a>	LOW	<a href="#">commons-fileupload:commons-fileupload</a>	1.3.1
<a href="#">Apache License 2.0</a>	LOW	<a href="#">jaawegx</a>	0.1.0
<a href="#">Apache License 2.0</a>	LOW	<a href="#">commons-logging:commons-logging</a>	1.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-apache-log4j</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-javamail</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-apache-bsf</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cordova-plugin-statusbar</a>	0.1.10
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cordova-plugin-compat</a>	1.1.0
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cordova-plugin-inappbrowser</a>	1.0.0





# ExperienSys

## License Risk

License	Risk Profile	Component	Version
<a href="#">Apache License 2.0</a>	LOW	commons-pool:commons-pool	1.6
<a href="#">Apache License 2.0</a>	LOW	<a href="#">commons-digester:commons-digester</a>	1.7
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-apache-xalan2</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cca</a>	0.8.0
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-junit</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cordova-plugin-file</a>	4.3.0
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cordova-plugin-whitelist</a>	1.0.0
<a href="#">Apache License 2.0</a>	LOW	<a href="#">ble-serialport</a>	0.1.3
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-apache-regexp</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-apache-oro</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cordova-plugin-network-information</a>	0.2.12





# ExperienSys

## License Risk

License	Risk Profile	Component	Version
<a href="#">Apache License 2.0</a>	LOW	<a href="#">com.peerio.cordova.plugin.file</a>	4.1.3
<a href="#">Apache License 2.0</a>	LOW	<a href="#">org.apache.ant:ant-launcher</a>	1.8.2
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cordova-plugin-splashscreen</a>	0.3.1
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cordova-common</a>	0.1.0
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cordova-plugin-device</a>	0.3.0
<a href="#">Apache License 2.0</a>	LOW	<a href="#">cordova-common</a>	1.0.0
<a href="#">Apache Licenses Family</a>	LOW	<a href="#">elementtree</a>	0.1.6
<a href="#">BSD Licenses Family</a>	LOW	<a href="#">once</a>	1.3.0
<a href="#">BSD Licenses Family</a>	LOW	<a href="#">glob</a>	3.2.11
<a href="#">BSD Licenses Family</a>	LOW	<a href="#">sigmund</a>	1.0.0
<a href="#">BSD Licenses Family</a>	LOW	<a href="#">once</a>	1.3.1





# ExperienSys

## License Risk

License	Risk Profile	Component	Version
<a href="#">Do What The F*ck You Want To Public License</a>	LOW	<a href="#">inherits</a>	2.0.0
<a href="#">ISC License</a>	LOW	<a href="#">semver</a>	5.0.3
<a href="#">ISC License</a>	LOW	<a href="#">abbrev</a>	1.0.7
<a href="#">ISC License</a>	LOW	<a href="#">pcori</a>	0.2.11
<a href="#">ISC License</a>	LOW	<a href="#">sigmund</a>	1.0.1
<a href="#">ISC License</a>	LOW	<a href="#">jsmap2</a>	1.0.0
<a href="#">ISC License</a>	LOW	<a href="#">glob</a>	5.0.14
<a href="#">ISC License</a>	LOW	<a href="#">wrappy</a>	1.0.1
<a href="#">ISC License</a>	LOW	<a href="#">nopt</a>	3.0.4
<a href="#">ISC License</a>	LOW	<a href="#">osenv</a>	0.1.3
<a href="#">ISC License</a>	LOW	<a href="#">inflight</a>	1.0.4





# ExperienSys

## License Risk

License	Risk Profile	Component	Version
<a href="#">ISC License</a>	LOW	<a href="#">semver</a>	5.0.2
<a href="#">ISC License</a>	LOW	<a href="#">minimatch</a>	2.0.10
<a href="#">MIT License</a>	LOW	<a href="#">bacn</a>	0.3.0
<a href="#">MIT License</a>	LOW	<a href="#">sax</a>	0.3.5
<a href="#">MIT License</a>	LOW	<a href="#">unorm</a>	1.4.1
<a href="#">MIT License</a>	LOW	<a href="#">resumer</a>	0.0.0
<a href="#">MIT License</a>	LOW	<a href="#">os-tmpdir</a>	1.0.1
<a href="#">MIT License</a>	LOW	<a href="#">defined</a>	0.0.0
<a href="#">MIT License</a>	LOW	<a href="#">brace-expansion</a>	1.0.1
<a href="#">MIT License</a>	LOW	<a href="#">nopt</a>	3.0.1
<a href="#">MIT License</a>	LOW	<a href="#">through</a>	2.3.7





# ExperienSys

## License Risk

License	Risk Profile	Component	Version
<a href="#">MIT License</a>	LOW	<a href="#">mpdjs</a>	0.1.5
<a href="#">MIT License</a>	LOW	<a href="#">cordova-plugin-cache-clear</a>	1.1.0
<a href="#">MIT License</a>	LOW	<a href="#">path-is-absolute</a>	1.0.0
<a href="#">MIT License</a>	LOW	<a href="#">abbrev</a>	1.0.5
<a href="#">MIT License</a>	LOW	<a href="#">tape</a>	3.5.0
<a href="#">MIT License</a>	LOW	<a href="#">ionic</a>	1.0.0-beta.1
<a href="#">MIT License</a>	LOW	<a href="#">vitreum</a>	2.0.2
<a href="#">MIT License</a>	LOW	<a href="#">opower-jobs</a>	1.2.0
<a href="#">MIT License</a>	LOW	<a href="#">brace-expansion</a>	1.1.1
<a href="#">MIT License</a>	LOW	<a href="#">util-deprecate</a>	1.0.0
<a href="#">MIT License</a>	LOW	<a href="#">bplist-parser</a>	0.1.0





# ExperienSys

## License Risk

License	Risk Profile	Component	Version
<a href="#">MIT License</a>	LOW	<a href="#">concat-map</a>	0.0.0
<a href="#">MIT License</a>	LOW	<a href="#">object-inspect</a>	0.4.0
<a href="#">MIT License</a>	LOW	<a href="#">balanced-match</a>	0.2.0
<a href="#">MIT License</a>	LOW	<a href="#">deep-equal</a>	0.2.2
<a href="#">MIT License</a>	LOW	<a href="#">balanced-match</a>	0.2.1
<a href="#">MIT License</a>	LOW	<a href="#">q</a>	1.4.1
<a href="#">MIT License</a>	LOW	<a href="#">base64-js</a>	0.0.6
<a href="#">MIT License</a>	LOW	<a href="#">xmlbuilder</a>	2.2.1
<a href="#">MIT License</a>	LOW	<a href="#">underscore</a>	1.8.3
<a href="#">MIT License</a>	LOW	<a href="#">phonegap-vueify</a>	1.0.5
<a href="#">MIT License</a>	LOW	<a href="#">os-homedir</a>	1.0.1





# ExperienSys

## License Risk

License	Risk Profile	Component	Version
<a href="#">MIT License</a>	LOW	<a href="#">lodash-node</a>	2.4.1
<a href="#">MIT License</a>	LOW	<a href="#">through</a>	2.3.4
<a href="#">MIT License</a>	LOW	<a href="#">concat-map</a>	0.0.1
<a href="#">MIT License</a>	LOW	<a href="#">tap</a>	0.4.3
<a href="#">MIT License</a>	LOW	<a href="#">angular-i18n</a>	1.5.0-rc.2
<a href="#">NOASSERTION</a>	UNDEFINED	<a href="#">shelljs</a>	0.5.1
<a href="#">NOASSERTION</a>	UNDEFINED	<a href="#">shelljs</a>	0.5.3





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
commons-beanutils:commons-beanutils	1.7.0	13 years 10 months	1
<a href="#">commons-validator:commons-validator</a>	1.3.0	11 years 0 months	0
<a href="#">org.apache.ant:ant-swing</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-netrexx</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-launcher</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-junit</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-jsch</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-jmf</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-jdepend</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-javamail</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-jai</a>	1.8.2	8 years 9 months	3





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
<a href="#">org.apache.ant:ant-commons-net</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-commons-logging</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-apache-xalan2</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-apache-resolver</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-apache-regexp</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-apache-oro</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-apache-log4j</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-apache-bsf</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-apache-bcel</a>	1.8.2	8 years 9 months	3
<a href="#">org.apache.ant:ant-antlr</a>	1.8.2	8 years 9 months	3
<a href="#">commons-dbutils:commons-dbutils</a>	1.3	7 years 9 months	0





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
<a href="#">tap</a>	0.4.3	6 years 9 months	111
<a href="#">substack/tape</a>	v0.0.1	6 years 8 months	2
<a href="#">inherits</a>	2.0.0	6 years 2 months	1
<a href="#">xmldom</a>	0.1.17	6 years 1 months	5
<a href="#">xmldom</a>	0.1.19	5 years 11 months	5
<a href="#">ionic</a>	1.0.0-beta.1	5 years 11 months	39
<a href="#">object-inspect</a>	0.4.0	5 years 8 months	1
<a href="#">base64-js</a>	0.0.6	5 years 7 months	1
<a href="#">sax</a>	0.3.5	5 years 6 months	0
<a href="#">glob</a>	3.2.11	5 years 6 months	3
<a href="#">xmlbuilder</a>	2.2.1	5 years 2 months	6





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
<a href="#">tape</a>	3.5.0	5 years 0 months	10
<a href="#">commons-fileupload:commons-fileupload</a>	1.3.1	4 years 11 months	0
<a href="#">deep-equal</a>	0.2.2	4 years 10 months	3
<a href="#">commons-digester:commons-digester</a>	1.7	4 years 10 months	0
<a href="#">vitreum</a>	2.0.2	4 years 10 months	9
<a href="#">underscore</a>	1.8.3	4 years 10 months	1
<a href="#">cordova-plugin-inappbrowser</a>	1.0.0	4 years 9 months	2
<a href="#">commons-codec:commons-codec</a>	1.10	4 years 9 months	1
<a href="#">semver</a>	5.0.2	4 years 5 months	13
<a href="#">semver</a>	5.0.3	4 years 5 months	13
<a href="#">cordova-plugin-device</a>	0.3.0	4 years 4 months	1





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
<a href="#">cordova-plugin-network-information</a>	0.2.12	4 years 4 months	1
<a href="#">cordova-plugin-statusbar</a>	0.1.10	4 years 4 months	1
<a href="#">cordova-plugin-splashscreen</a>	0.3.1	4 years 4 months	1
<a href="#">glob</a>	5.0.14	4 years 4 months	3
<a href="#">cordova-common</a>	0.1.0	4 years 4 months	280
<a href="#">cordova-common</a>	1.0.0	4 years 4 months	280
<a href="#">cordova-plugin-whitelist</a>	1.0.0	4 years 3 months	1
<a href="#">cordova-lib</a>	5.4.1	4 years 3 months	284
<a href="#">bplist-parser</a>	0.1.0	4 years 2 months	1
commons-lang:commons-lang	2.3	3 years 11 months	0
<a href="#">unorm</a>	1.4.1	3 years 10 months	1





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
<a href="#">angular-i18n</a>	1.5.0-rc.2	3 years 10 months	2
<a href="#">plist</a>	1.0.1	3 years 9 months	0
<a href="#">apache/cordova-ios</a>	3.7.0	3 years 9 months	0
<a href="#">path-is-absolute</a>	1.0.0	3 years 9 months	0
<a href="#">apache/cordova-plugin-statusbar</a>	0.1.7	3 years 8 months	0
<a href="#">connect-phonegap</a>	0.14.7	3 years 8 months	0
<a href="#">cordova-js</a>	4.0.0	3 years 7 months	0
<a href="#">plist</a>	1.1.0	3 years 7 months	0
<a href="#">os-tmpdir</a>	1.0.1	3 years 6 months	0
<a href="#">abbrev</a>	1.0.5	3 years 5 months	0
<a href="#">shelljs</a>	0.5.1	3 years 5 months	0





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
<a href="#">os-homedir</a>	1.0.1	3 years 4 months	0
<a href="#">apache/cordova-android</a>	5.0.0	3 years 3 months	0
<a href="#">shelljs</a>	0.5.3	3 years 3 months	0
<a href="#">brace-expansion</a>	1.0.1	3 years 2 months	0
<a href="#">appworks</a>	0.1.7	3 years 0 months	0
<a href="#">elementtree</a>	0.1.6	3 years 0 months	0
<a href="#">katzer/cordova-plugin-local-notifications</a>	0.8.1	2 years 11 months	0
<a href="#">once</a>	1.3.0	2 years 10 months	0
<a href="#">cordova-plugin-file</a>	4.3.0	2 years 10 months	1
<a href="#">transistorsoft/cordova-plugin-background-fetch</a>	0.1.0	2 years 10 months	0
<a href="#">sigmund</a>	1.0.0	2 years 9 months	0





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
<a href="#">gradle/gradle</a>	REL_3.3-rc-1	2 years 9 months	18
<a href="#">osenv</a>	0.1.3	2 years 8 months	0
<a href="#">balanced-match</a>	0.2.0	2 years 6 months	0
<a href="#">nopt</a>	3.0.1	2 years 5 months	0
<a href="#">q</a>	1.4.1	2 years 5 months	0
<a href="#">bacn</a>	0.3.0	2 years 5 months	0
<a href="#">brace-expansion</a>	1.1.1	2 years 4 months	0
<a href="#">defined</a>	0.0.0	2 years 4 months	0
<a href="#">swagger-api/swagger-ui</a>	v3.0.11	2 years 4 months	17
<a href="#">abbrev</a>	1.0.7	2 years 4 months	0
<a href="#">through</a>	2.3.4	2 years 2 months	0





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
<a href="#">lodash-node</a>	2.4.1	2 years 2 months	0
<a href="#">cordova-plugin-cache-clear</a>	1.1.0	2 years 1 months	0
<a href="#">inflight</a>	1.0.4	2 years 0 months	0
<a href="#">once</a>	1.3.1	1 years 11 months	0
<a href="#">minimatch</a>	2.0.10	1 years 9 months	0
<a href="#">wrappy</a>	1.0.1	1 years 8 months	0
<a href="#">concat-map</a>	0.0.0	1 years 8 months	0
<a href="#">balanced-match</a>	0.2.1	1 years 7 months	0
<a href="#">util-deprecate</a>	1.0.0	1 years 5 months	0
<a href="#">properties-parser</a>	0.2.3	1 years 5 months	0
<a href="#">cordova-plugin-file-transfer</a>	1.6.0	1 years 4 months	0





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
<a href="#">nopt</a>	3.0.4	1 years 3 months	0
<a href="#">cordova-plugin-compat</a>	1.1.0	10 months 21 days	0
<a href="#">commons-net:commons-net</a>	3.5	9 months 15 days	0
<a href="#">opower-jobs</a>	1.2.0	8 months 23 days	0
<a href="#">syncml-js</a>	0.0.5	6 months 17 days	0
<a href="#">mpdjs</a>	0.1.5	4 months 23 days	0
<a href="#">cordova-registry-mapper</a>	1.1.13	3 months 0 days	0
<a href="#">through</a>	2.3.7	2 months 28 days	0
<a href="#">ble-serialport</a>	0.1.3	2 months 8 days	0
<a href="#">dgm</a>	0.0.4	2 months 2 days	0
<a href="#">com.peerio.cordova.plugin.file</a>	4.1.3	12 days	0





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
<a href="#">ccache</a>	0.8.0	5 days	0
<a href="#">jaawegx</a>	0.1.0	2 days	0
<a href="#">phonegap-vueify</a>	1.0.5	0 days	0
<a href="#">resumer</a>	0.0.0	0 days	0
ant:ant-antlr	1.6.5	0 days	0
ant:ant-icontract	1.6.5	0 days	0
ant:ant-commons-logging	1.6.5	0 days	0
ant:ant-swing	1.6.5	0 days	0
ant:ant-commons-net	1.6.5	0 days	0
ant:ant-netrexx	1.6.5	0 days	0
ant:ant-apache-oro	1.6.5	0 days	0





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
ant:ant-starteam	1.6.5	0 days	0
<u>pcori</u>	0.2.11	0 days	0
ant:ant-apache-bsf	1.6.5	0 days	0
<u>sigmund</u>	1.0.1	0 days	0
ant:ant-javamail	1.6.5	0 days	0
ant:ant-xslp	1.6.5	0 days	0
<u>commons-configuration:commons-configuration</u>	1.10	0 days	0
ant:ant-apache-log4j	1.6.5	0 days	0
ant:ant-jai	1.6.5	0 days	0
<u>log4j:log4j</u>	1.2.17	0 days	0
commons-collections:commons-collections	3.2.2	0 days	0





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
<a href="#">jsmap2</a>	1.0.0	0 days	0
ant:ant-jmf	1.6.5	0 days	0
ant:ant-stylebook	1.6.5	0 days	0
<a href="#">stitch-cordova-plugin-file</a>	3.0.1-dev	0 days	0
<a href="#">commons-logging:commons-logging</a>	1.2	0 days	0
ant:ant-apache-bcel	1.6.5	0 days	0
ant:ant-xalan1	1.6.5	0 days	0
ant:ant-launcher	1.6.5	0 days	0
ant:ant-trax	1.6.5	0 days	0
<a href="#">phonegap/phonegap-start</a>	3.5.0	0 days	0
commons-pool:commons-pool	1.6	0 days	0





# ExperienSys

## Obsolescence Risk

Component	Version	Gap	Releases last year
ant:ant-apache-resolver	1.6.5	0 days	0
<a href="#">concat-map</a>	0.0.1	0 days	0
ant:ant-jdepend	1.6.5	0 days	0





# Cloud Readiness ExperienSys

04/30/2020

 ExperienSys  
Cloud Boosters**Cloud Requirement****Technology**

No Cloud Boosters found



 ExperienSys  
Cloud Blockers

⚠ Cloud Requirement	Technology	Impact	Criticality	⏰ Roadblocks
<a href="#"><u>Access to environment variable</u></a>	Python	CFA	Low	34
<a href="#"><u>Perform Directory Manipulation</u></a>	Python	CFA	Medium	8
<a href="#"><u>Perform File Manipulation</u></a>	Java	CFA	Medium	324
<a href="#"><u>Using file system</u></a>	Java	CFA	Medium	1
<a href="#"><u>Using hardcoded network IP address (IPV4, IPV6)</u></a>	Java	C	Low	1
<a href="#"><u>Using of unsecured network protocols (HTTP, FTP)</u></a>	Java	C	Low	36
<a href="#"><u>Using stateful session (Servlet)</u></a>	Java	CFA	High	1068

