

# Introduction to CheerpX for Flash



cheerpX

# /Extending the life of Flash Applications

## What Is CheerpX for Flash?

CheerpX for Flash is a long term solution that allows organisations to extend the life of any Flash-based application indefinitely.

Applications built in AS2 and AS3, using any framework, including Flex and Spark, and with any build environment, are compatible with CheerpX for Flash.

CheerpX for Flash does not require the end-users to install any special software, as they will still be able to access your application from their browsers. As such, it is suitable for public-facing applications, B2B applications, and

## How Do We Do It?

CheerpX for Flash is based on two main components:

- 1) The standard Adobe Flash Player, together with its full runtime environment, integrated as a commercial build, with no time bomb;
- 2) The CheerpX virtualization engine, an HTML5 'emulator' that can run the Adobe Flash Player in HTML5/WebAssembly, client-side.

By combining CheerpX with the Adobe Flash Player\*, CheerpX for Flash provides an easily-integrated, client-side middleware environment that makes any Flash page equivalent to running the regular Flash Player with its runtime, except in an HTML5 compliant way, on any normal browser. This means that any Flash application that runs on the Adobe Flash Player can run with CheerpX for Flash, on any modern browser\*\*.

By adding CheerpX for Flash to any Flash page, the page is 'transformed' to HTML5, making it compatible with any browser without the Flash Player. CheerpX for Flash is a pure HTML5 solution, made of JavaScript, WebAssembly

## Core Benefits

- ▶ CheerpX for Flash is an HTML5 solution for organisations to indefinitely extend the life of Flash applications on modern browsers post-2020.
- ▶ It based on the Adobe Flash Player for full compatibility.
- ▶ Supports ActionScript 2 and 3, Flex, Spark, and any other framework.
- ▶ Fully client-side, and runs on normal browsers.
- ▶ Supports networking, file access and many other Flash APIs

\*As CheerpX for Flash is built around the Adobe Flash Player, a commercial redistribution licence will need to be procured from Harman.

\*\* Microsoft Internet Explorer is not supported by CheerpX for Flash.

# Services

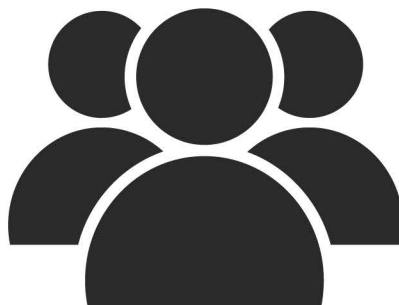
Our experts have 16+ years' experience helping organisations porting Desktop and Mobile applications to HTML5. Over the last few months we have been working with dozens of early adopters, including Fortune 100, NASDAQ, large European companies, as well as Public Sector organisations.

Leaning Technologies offers a line of professional services ranging from code analysis for porting feasibility, to proof of concept, to a complete porting effort and optimisation of a ported application.

## FULL PORTING



Perform full conversion and deliver a fully converted HTML5 application that meets acceptance criteria.



## PROOF-OF-CONCEPT



Perform conversion of a subset of features and confirm viability of full porting.

## OPTIMISATION



Analyse original and converted application to optimise size, memory and performance.

## We also offer



WORKSHOPS



ENTERPRISE GRADE  
SUPPORT



TRAINING

Organisations worldwide are using CheerpX For Flash to  
preserve their Flash applications.

**Let's talk.**



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