Amexio Canvas History

MetaMagic is a Microservices and Blockchain Automation platform company, to develop our product, we were searching for an enterprise-class HTML5 UI Library and could not find any that would truly meet our needs comprehensively and efficiently. We realized we needed to build our own UI components library using Angular (from Google) around Q2 2017 and decided to have a robust Angular based UI Components Library that includes, UI Components, Charts, Material Design support and Responsive Design baked in.

Our effort to build this library resulted in Amexio API with 110+ UI Components, Charts. Gauges, Dashboards, 50+ Material Design Themes and Responsive Design baked in. Microservices and Blockchain Automation Platform consists of complex Design UI's which we can call canvases, for example, UI Canvas (Amexio Canvas), Web Service Canvas, Business Logic Canvas, Data Layer Canvas, External Integration Canvas etc.

While Amexio API is based on Apache 2 License, its open source and free, Amexio Canvas is subscription based. Our first canvas towards building our Microservices Automation Platform (Droit Studio – which consists of multiple such canvases).

Amexio Canvas Editions PE / SE / EE

Personal Edition
Create Fully Responsive Web Applications using Google Material Design Themes - More than 50+ Material Design Theme Support.

Standard Edition
Platform to create your web and Smart Device Applications including Progressive Web Applications. SE focuses on fast-tracking your web application development based on Amexio API.

Enterprise Edition
Complete Mobile Application Development platform to create Web, Android and iOS based Apps. Built in templates to fast track your development.

Key Features	PE - Personal Edition	SE - Standard Edition	EE - Enterprise Edition
Drag and Drop Drag and Drop IDE to create Web & Smart Device Responsive Apps. Code will be auto generated by the Canvas.	Yes	Yes	Yes
Hot Deploy Any changes in the Visual IDE will be immediately reflected in the App using Hot Deploy technology. Commit code to GitHub Public or Pvt Repository	Yes	Yes	Yes
Service Bindings Connect to your backend systems using Service Bindings. Out of the box support for Restful API's.	Yes	Yes	Yes
Behaviors & Relationships Create sophisticated relationships between UI Components actionable buttons. Add Behaviors as part of your Business logic.	Yes	Yes	Yes

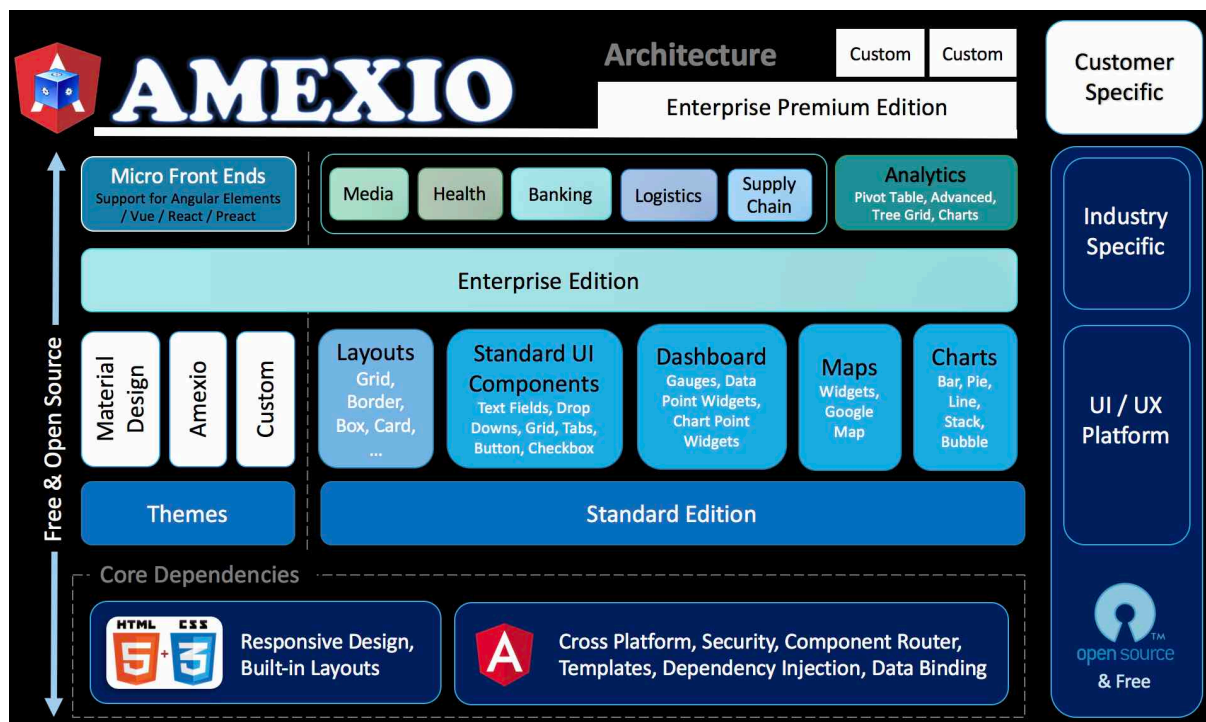| Features	PE - Personal Edition	SE - Standard Edition	EE - Enterprise Edition
Authentication Configure the service authentication mechanism to ensure the auto generated code is ready for production deployment.	Yes	Yes	Yes
Multi User Project Management Map projects for multiple users. Project Tracking		Yes	Yes
Mobile Apps Create your Smart Device Apps - Android Binary will be automatically created and iOS project will be ready for build.		Yes	Yes
Progressive Web Apps Web App which combines the best of Web and Native Apps. Installable, works offline. Supports Web and Smart Devices, Sharable.		Yes	Yes
Design Commit Multi Developer Design commit. Design conflict resolution. Design Versioning.		Yes	Yes
Design Encryption Design is encrypted using standard Encryption algorithms. More security for your design documents.		Yes	Yes
Design Templates Design Templates helps you to quick start the App development. Industry & Device specific templates will be available.			Yes
Custom Templates Developer can create and store Custom templates by grouping components from reusability perspective.			Yes
Code Pipeline Commit your code to SVN or GitHub, Build Management, Unit testing of the code.			Yes
Device Farm Automated Device Testing using Device Farm. Testing the Android Apps in Multi Hardware OS versions			Yes
Theme Builder Apart from the built-in themes, Theme Builder will help you to create Themes based on Amexio or Material Design Standards.			Yes
Total Key Features	**5**	**10**	**15**

Developer Productivity

The rich set of Amexio UI library helps the developers to fast track their development rather than custom build their own UI widgets. With material design based themes and built-in responsive design helps the developers to create Web Apps that work across multiple form factors (From Desktop to tablets to Smart Phones).

Amexio Canvas is Completely built using Amexio API library based Angular 5. Canvas is a powerful drag and drop environment to fast track your development.

Amexio Canvas increases the developer productivity exponentially as now the developers can create enterprise-class UI's for Web and Smart Device Apps using Material Design theme and responsive layouts to support multiple form factors without writing a single line of code.

Amexio API Architecture

Amexio Colors

Fully automated command line tool to build Material Design themes for Amexio Components by giving 2-3 primary colors it generates the entire theme sass files. Checkout the Amexio site for more details.