

Integrated Apps Approval Criteria

Overview

With an increase in the development of third party applications integrating with OSCAR, OSCAR EMR has developed a process to ensure these applications integrate with OSCAR in a manner that is compliant with security, privacy, architectural and other relevant regulatory requirements. Applications that have met these requirements and have been validated by OSCAR EMR are referred to as Integrated Applications (Apps).

An Integrated App is defined as “...an external application for the purpose of extending or complementing OSCAR’s functionality...confirmed by OSCAR EMR as compliant with the Quality Management System, and identified to and approved by the User(s) prior to the integration being implemented in a production environment. It is understood that the OSCAR User assumes all risks of integrating any application with OSCAR that has not been confirmed as compliant by OSCAR EMR”.

Key Principles reflected in this definition are:

1. “Integrated App” does not encompass the tools and services an OSP integrates with their systems in order to optimize service, monitoring and management of deployments.
2. The OSCAR User is fully aware of what functionality is core to OSCAR and what functionality is accessible to them because of an Integrated App.
3. The OSCAR User explicitly approves the use of the Integrated App(s) with their OSCAR software.
4. The OSCAR User understands there are risks of integrating an application with OSCAR that has not been confirmed as compliant by OSCAR EMR, such risks including, among others, the potential that the integration will breach a regulatory requirement placing their OSCAR software outside of compliance (e.g. OntarioMD).

The image to the right illustrates how Integrated Apps interact with OSCAR at a high level.

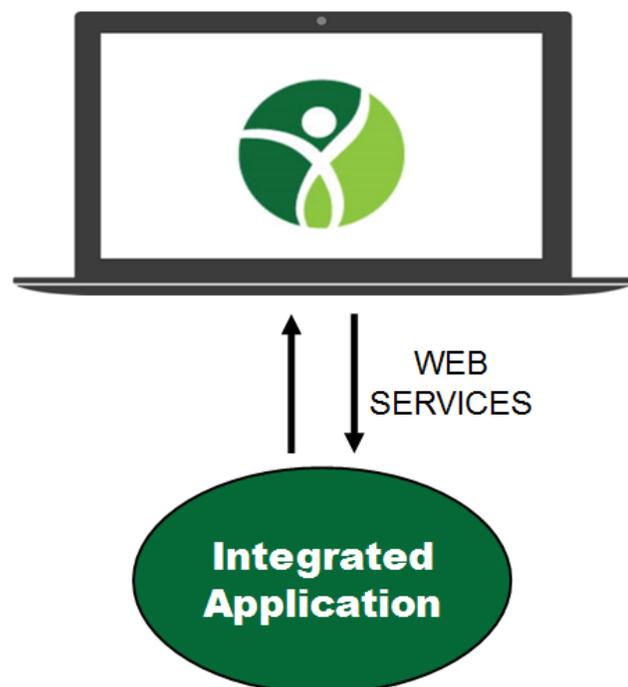
Can Integrated Apps be Proprietary?

Although OSCAR EMR encourages developers to contribute their work as open source code to the OSCAR community, Integrated Apps can be developed as proprietary software.

Benefits of the Integrated App Designation

Integration with OSCAR as an Integrated App provides the following benefits:

- Market advantage over other applications attempting to integrate with OSCAR.
- Use of the official OSCAR mark in advertising of application.



- Verification to the OSCAR Community that the application integrates with their system in compliance with OSCAR EMR's Quality Management System and regional regulatory requirements.
- Profile on the OSCAR EMR website.

Process for Designation:

The process for approving an application as an Integrated App is outlined in Appendix A. The key consideration for review by the Product Management Committee (PMC) and Technical Management Committee (TMC) are identified below. Approval from these Committees grants preliminary approval for the application. Following development of the application, OSCAR EMR must test and verify the applications functionality before final approval. Requirements for the testing and verification are outlined below.

Review by the Product Management Committee:

OSCAR EMR's Product Management Committee is composed of members of the OSCAR Community that provide overall direction for the OSCAR product. When reviewing Integrated App applications, the PMC considers the following:

What value does the application provide to OSCAR users?

- The PMC expects that the application provides value to OSCAR users while not undermining the core functionality of OSCAR. Whenever possible, the PMC gives priority to developing enhanced functionality within OSCAR to encourage open-source innovation, however the PMC will approve applications that offer complementary functionality to OSCAR users.

How is the application distributed - to whom is it accessible and on what terms?

- The PMC expects that all applications are equitably accessible to all OSCAR Users that may benefit from the applications functionality, regardless of the users' source of OSCAR support. The application cannot be exclusively (or disproportionately based on price) accessible through only one or a select number of OSPs or OSSPs.

If the application developer benefits from integration with OSCAR, how will the benefits be shared with the OSCAR Community through OSCAR EMR?

- As OSCAR has been developed as an open-source application with code donated primarily from not-for-profit organizations (McMaster University and St. Michael's Hospital [CAISI]), and the community has been created and sustained through substantial volunteer investments by OSCAR users, the PMC expects applications benefiting from OSCAR to contribute back to the OSCAR Community to sustain the collective infrastructure. This principle reinforces OSCAR's core value of mutual sharing, with each component of the OSCAR ecosystem thriving and giving back to sustain the collective.

How will association with the brand/entity developing the application affect OSCAR?

- The PMC evaluates every application to assess how the brand/entity will compliment and/or strengthen the OSCAR brand, recognizing that the Integrated App will be profiled on the OSCAR EMR web-site.

Have similar applications already been approved by the PMC?

- The approval of an Integrated App does not preclude OSCAR EMR from approving another Integrated App offering the same or similar functionality, or approving open-source development of the same or similar functionality within OSCAR.

Is the organization applying for integration affiliated with OSCAR EMR?

- The PMC will not approve an Integrated App from an organization that is commercially benefiting from the use of the OSCAR source code outside of compliance with the OSCAR Charter and OSCAR EMR's Quality Management System. The intention behind this consideration is to ensure that organizations

cannot leverage the benefits of a cohesive OSCAR Community and common OSCAR version for commercial gain through an Integrated App if the organization is deploying the OSCAR source code as an EMR to customers without affiliation with OSCAR EMR as a Charter OSP.

Review by the Technical Management Committee:

OSCAR EMR's Technical Management Committee is composed of members of the OSCAR Community with a strong understanding of OSCAR and the requirements to maintain a secure system for OSCAR users. When reviewing Integrated App applications, the TMC considers the following:

What is the method of integration with OSCAR?

- Except under extenuating circumstances, the TMC expects all Integrated Apps to integrate with OSCAR through web services.
- In all cases, the TMC seeks to avoid, or substantially limit, any impact on Charter OSPs related to an OSCAR User's choice to use an Integrated App by approving integrations that can be activated by the OSCAR User without affecting the performance of the OSCAR software supported by the Charter OSP.

What version of OSCAR will the application integrate with?

- Applications will only be promoted as Integrated Apps for integration with OSCAR 15 or later versions. That said, the TMC will consider approve the technical integration for earlier versions of OSCAR.

Testing and Verification:

Prior to final approval or execution of the Integration App Agreement, the application provider must provide OSCAR EMR the required test cases and use cases to test the application and verify functionality. Further, any required training material must also be provided to OSCAR EMR.

Implications for Charter OSPs

- Charter OSPs are not required to promote or encourage use of an Integrated App simply based on approval by OSCAR EMR. OSCAR EMR's agreement with the Integrated App Provider as it relates to promotion is restricted solely to passive promotion via OSCAR EMR's web-site.
- Integrated App Providers may engage Charter OSPs directly to participate in promotion and, where relevant, deployment and support of the App, on separate terms not within the scope of OSCAR EMR's approval process.

If you have any questions regarding Integrated Apps, or are interested in developing an Integrated App, please contact OSCAR EMR at info@oscar-emr.com.

Appendix A: OSCAR's Integrated App Certification Process

