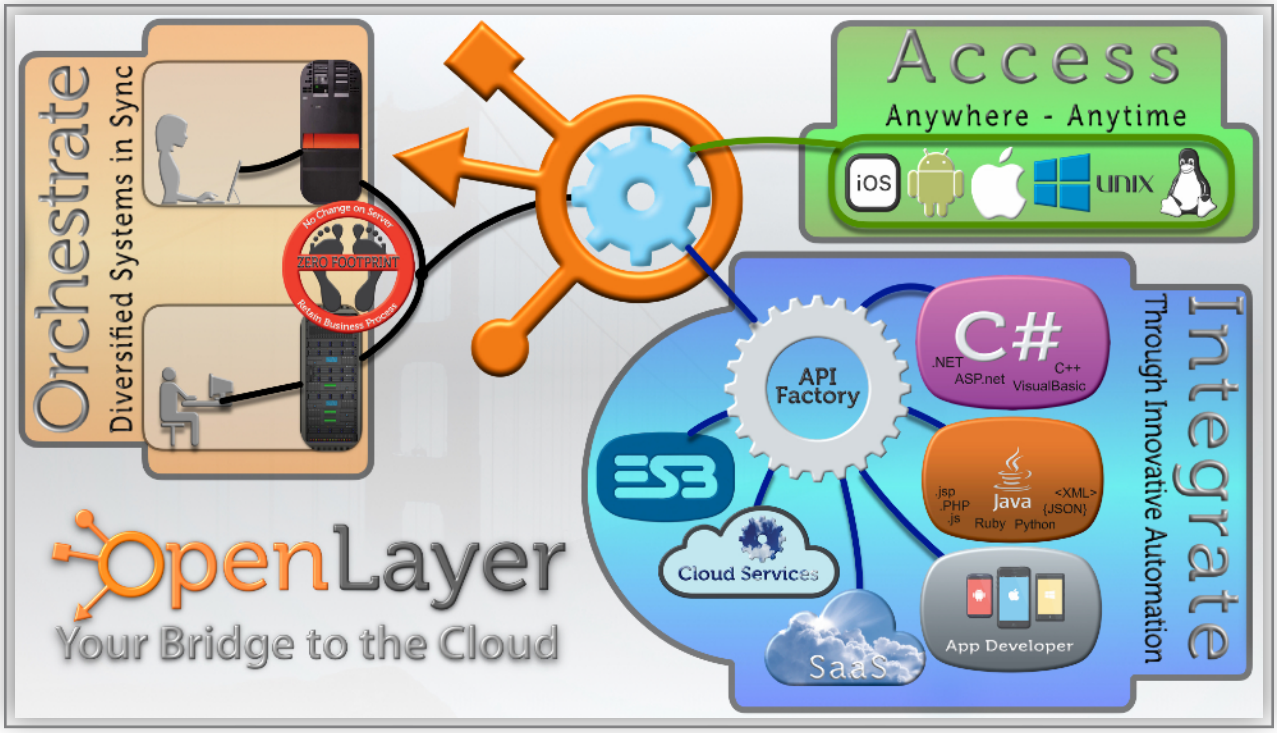
OpenLayer: *Limited Only by Your Imagination*

The Nexus of Forces has made traditional application architectures obsolete, and digital business demands more agility than ever. OpenLayer is a disruptive framework. Its architecture empowers development teams who must adapt to support modern requirements. OpenLayer prepares organizations for cultural disruptions by exploiting the existing technologies and bridging them to the modern technologies.

OpenLayer champions on modern technology ecosystem and provides Agility, Optimized User Experience (UX), API economy, Internet of Things (IoT), Extra-enterprise technologies. It is versatile, robust, maintainable, usable, and scalable. OpenLayer breaks the monolithic approach of traditional legacy applications, one-size-fits-all and enables organizations to deliver fit-for-purpose client applications. OpenLayer provides a web-scale backend and tightly couples with monolithic traditional applications. OpenLayer can be deployed in Private, Hybrid, and public cloud.



OpenLayer Addresses Changing Role of Traditional IT:

Govern Shadow IT and embrace Citizen Integrators:

Gartner predicts that at least 65% of new integration flows will be developed outside of central IT. This makes a strong case for Citizen Integration, but IT leaders are often unprepared to deal with Citizen Integrators, nevertheless, IT leaders can add value to the organization by facilitating Citizen Integrators while ensuring effective Governance is in place to minimize organizational risk.

Improve Business Process Optimization:

Organizations have historically struggled to prioritize and fund Business Process Integration/Optimization efforts. With OpenLayer, companies can now Integrate Application and process Functionality, at the End User level, without the need for applications and/or database-level development. This approach, by relying on existing business user functions, facilitates swift, cost-effective, and risk-free integration.

Accelerate Delivery of Mobile Applications:

Enterprise IT organizations are being asked to deliver large numbers of mobile apps, often outstripping the resources that they have available. The risk to both IT and the Business is having LOBs go outside IT to contract with third-party development firms to build customer-facing mobile apps, as they see these as a critical part to their digital business activities. By dividing front-end development activities from back-end services using OpenLayer, IT organizations can deliver a powerful portfolio of mobile apps by enabling third parties and LOB units to rapidly create effective client apps with a focus on a strong user experience.

The Challenge in Modernizing Legacy Applications and Platforms

Additionally, organizations continue to be faced with the challenges of valuable, albeit aging, application portfolios, a difficult economy and the pending retirement of baby boomers, thus requiring them to make and execute modernization decisions for legacy applications and legacy computing platforms. Many legacy application modernization initiatives are driven by a company's desire to make applications more efficient and cost-effective. Budget and time overruns of legacy modernization projects are frequent, and many modernization efforts stall due to the organization's requirements to retain legacy data and the perceived difficulty in doing so. The roots of this challenge are often found in the nature of these applications: They are complex, loosely coupled, and often homegrown and date back decades.

The Value that OpenLayer Delivers:

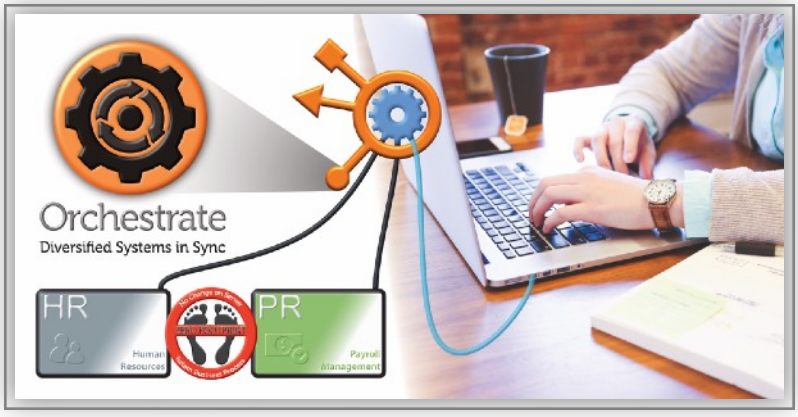
OpenLayer delivers on three critical requirements:

Access:

OpenLayer provides access to your existing applications Anytime – Anywhere from any browser-enabled device. It provides instant personalized access from all your user devices including mobile and tablets. With OpenLayer, your application access can be personalized which is not limited to look and feel. The application can be extended applications by adding Mash-up and Data-Services, System wide, for a Group of users, or a personalized experience for a user.

Integrate:

With OpenLayer, any user transaction navigation can be encapsulated into an API. OpenLayer API is not DataBase centric, they are User Information and Business Process centric. It's an innovative approach to Business Process Automation, one is not required to reverse engineer the business logic or copy and paste thousands of lines of code into another development environment. With the adoption of OpenLayer, the integration virtue is passed to the business users and makes it less dependent on IT or ICC.



Orchestrate:

With OpenLayer, enterprises can reap the benefits of "low low-hanging fruit" without taking the "Burning Platform Approach." The innovative automation approach enables the enterprise to use one single-point solution and connect to many existing, time-tested, and highly efficient back-end systems by way of adding on OpenLayer Wedges. This approach allows diversified systems to be orchestrated by a single API to OpenLayer. OpenLayer can dissect the information and populate these mission-critical systems.

OpenLayer allows you to retain full control of any integration and modernization projects.

OpenLayer is architected to facilitate the integration of diversified systems and fulfills the need to bridge legacy systems with modern cloud-based systems. OpenLayer keeps "System of Record" (Mode 1 of bimodal IT) and "System of Agility" (Mode 2), in harmony without requiring any changes to the legacy (Mode 1) environment.

OpenLayer is a Disruptive *yet* Non-Destructive Framework that provides Business Efficiency, Effectiveness, and Innovation through Automation.

Asserting OpenLayer in the early planning stage, Organizations can benefit from “low-hanging fruit.” OpenLayer empowers organizations to avoid the “burning platform” approach.

The Innovative Automation approach of OpenLayer, enables Existing Systems (Mode-1 – System of Records) and Innovative Systems (Mode-2 – System of Agility) go “hand-in-hand.”

Use Case Scenario:

Technology Inventory: An organization has a homegrown ERP, a cloud-based CRM, and a clipboard to take notes and pass them to back-office operators for data entry.

Deliverable: The solution must provide:-

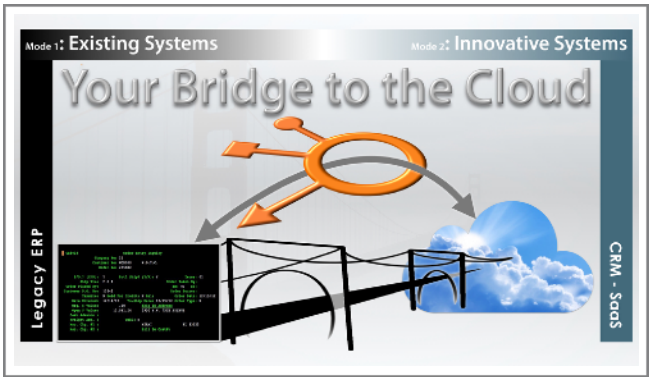
1. Real-time integration between cloud-based CRM and ERP, on demand.
2. Integration with ERP must obey existing business rules
3. Zero business disruption or downtime
4. Access to workers in the field and stakeholders access the ERP system in real-time.
5. Users should be able to personalize their view and only have access to needed data.

The OpenLayer Solution: OpenLayer exposed all transactions in the home-grown ERP to any browser-enabled device. OpenLayer did not require any change in the server code or any client software installation. The *auto-generated*, highly responsive, and customizable user interface enabled the workers in the field and other stakeholders to access the application using their mobile devices. The “Extend and personalize” wizard of OpenLayer also permitted users to personalize their user experience and translate it into their local language.

The scripting engine of OpenLayer, allowed the sales team to develop RESTful API using the navigation and add/change a sales order in ERP. This API was then called as a trigger from cloud-based CRM. This mechanism synchronized the CRM and ERP in real-time without any user intervention.

OpenLayer Delivers an Optimized Outcome:

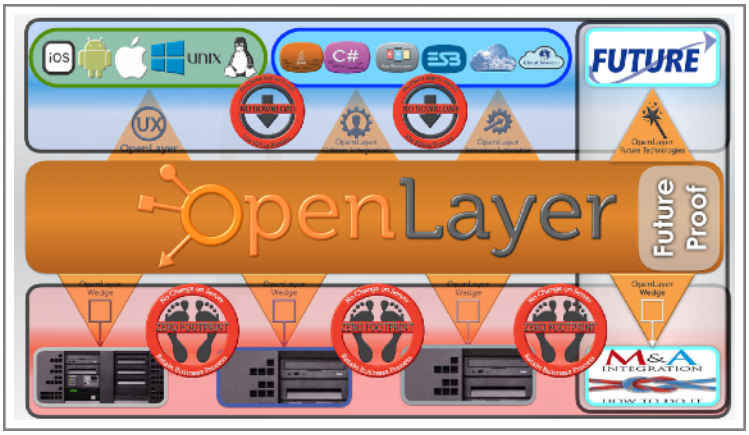
As OpenLayer did not require any change in the server code of ERP, the highly productive legacy users continued to be productive as their user experience did not change. OpenLayer exposed the order entry process and exposed it to Citizen Integrators, by empowering them to make it easier to synchronize their sales data from cloud-based CRM and sales orders in ERP.

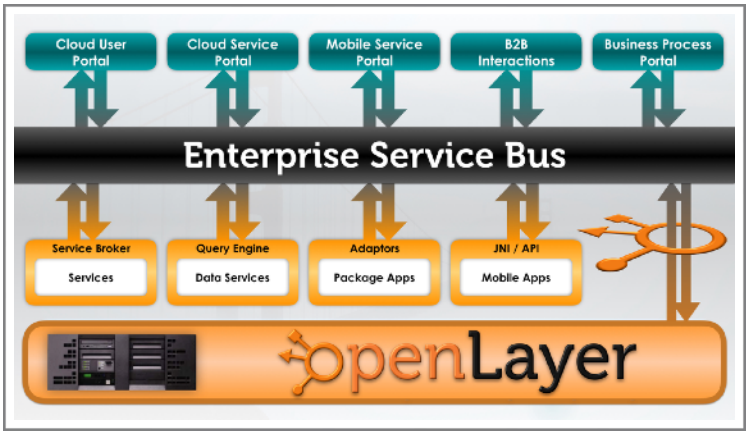


OpenLayer helped the organization embrace bimodal IT, harmonize their Mode 1 and Mode 2 systems, and allowed users to automate system connections without IT intervention in a secure and controlled manner.

OpenLayer Executive Summary:

OpenLayer is the leading next-generation Application Integration & Business Process Automation solution. OpenLayer provides organizations with a new and innovative alternative to traditional integration and optimization approaches. OpenLayer is:





OpenLayer Features

- **Disruptive:** OpenLayer introduces the Innovative Automation approach.
- **Non-Destructive**: No server or application code changes required
- **Versatile**: Application and Database agnostic
- **Easy**: Access any application from any browser on any device
- **Cost Effective**: Protects your organization's core business rule while enabling process improvement
- **Mitigates Risk:** By leveraging existing business process, no new risk is introduced to the organization
- **Flexible:** Supports Citizen Integration models across the Line of Business and IT organization
- **Access:** Personalized access to existing systems – anywhere – anytime
- **Integrate:** OpenLayer business API creation enables business users to integrate - Citizen Integrators
- **Orchestrate:** OpenLayer harmonizes information across diversified systems
- **Future Proof:** OpenLayer Wedge philosophy makes it easier to adapt technologies not invented yet

You are only Limited by Your Imagination

OpenLayer

Your Bridge to the Cloud