

Opening up to Open Source



How Lyra Infosystems helped Wipro incorporate a Open Source framework







Wipro (NYSE:WIT) is a globally recognized IT company renowned for its innovative approach towards delivering business value. It is a trusted partner of choice for businesses across the world.

A market leader in enterprise application software, Wipro has adopted Open Source Software (OSS) as an integral component of its development strategy. An important tool to improve productivity, OSS helps accelerate time to market and meet customer satisfaction. In order to effectively deploy this model, the company needed to fully automate this partly manual process and also mitigate risk factors.

Challenges

Multiple businesses around the globe have transitioned to OSS for IT solutions owing to faster development cycles, higher ROI, and independence from vendors. Fuelled by its potential as a business enabler, Wipro sought to increase its usage of the OSS platform. The need of the hour was to provide a more efficient OSS development environment -- one that hastened the Open Source approval process and had a well-defined policy. The OSS model entails complex processes to evaluate licensing issues, copyright infringement, and IPR validation to ensure legality. Additionally, it requires foolproof security checks to mitigate risk and dedicated maintenance services to ensure government policy compliance.

In order to implement a healthy environment for OSS development, Wipro needed:

-  Comprehensive OSS policy and an efficient governance process
-  Efficient systems to determine code origins
-  Dedicated contacts within the organization
-  Substantial framework to analyze copyright issues
-  Scalable automation tools
-  Airtight validation of software IPR, including protecting customer intellectual property, validating misuse of and monetizing internal IPR, and mitigating risk exposure on liability

In this effort, Wipro was in search of an able partner that demonstrated the capabilities to help them set up a seamless, automated Open Source framework.

Where we came in

After assessing available tools and platforms, Wipro zeroed in on Lyra - an industry leader in Open Source softwares - to enable a more efficient OSS development environment at their organization. Apart from having a first-mover advantage in the OSS domain, Lyra also boasts a prominent local presence, proficiency in free and Open Source software consultancy, a dedicated legal team, and expertise in risk mitigation - essential tools and services for an OSS streamlining procedure of this magnitude. The vast know-how possessed by Lyra directly contributed to a seamless OSS integration.

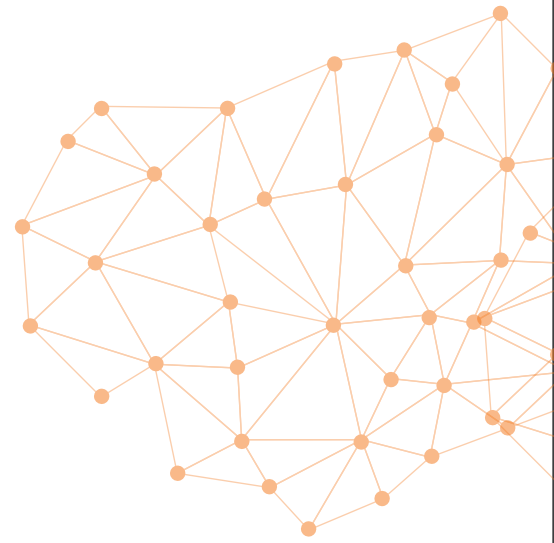
Lyra helped Wipro

-  **Create an effective Open Source framework,** giving managers an easy way to control the use of all the OSS at the organization
-  **Devise and implement an automated approval workflow,** expediting the process for various teams and reducing unnecessary overheads previously required for manual processes
-  **Reinforce security while implementing these workflows,** minimizing risk exposure in the process
-  **Identifying license conflicts and obligations early in their development process,** effectively nipping potential problems in the bud
-  **Ensure the use of safe, tested, and compliant code** with Wipro's new OSS framework

Wipro saw Lyra's Open Source Support services as a means to give development managers the convenience to oversee and easily control the use of their OSS application development throughout the organization. Lyra's solutions also gave developers at Wipro the freedom, flexibility, and procedural familiarity needed to innovate and experiment without any added overhead.

The Benefits

After assessing available tools and platforms, Wipro zeroed in on Lyra – an Implementing and automating an OSS governance policy with Lyra’s services saw Wipro achieve numerous business benefits. The organization could now take timely, well-informed decisions, reduce overheads, and ensure optimum efficiency in operations. In addition, Security and Legality were no longer concerns. This facilitated speedy product development within the organization, increasing code compliance and reducing rework.



Customizable solutions: Workflows could be modified to meet the needs of specific processes



Validation of code: Enhanced code reviews for reliable end-product



Review of software: All pre-existing open source software were attested



Creation of FOSS Policy: Safe and tested codes increased compliance



Streamlining of OSS processes: Reduced rework with thorough identifying of license obligations



Reduction of exposure: Security threats and loopholes eliminated, also enabling reduced development costs



Efficiency of operations: High productivity and credibility of work with enhanced product delivery

About Lyra

Lyra is a professional services and consulting organization with over ten years of industry experience. Being an IT pioneer, we specialise in widespread support and comprehensive consultations for all Open Source technologies.

We are an industry leader who understands the importance of proper application of software to a business. In addition to support, services, and consultations, Lyra also extends implementation tools, upgrades, and vulnerability resolution to clients, amongst a host of other services.