

# ConsenSys, Case Study

by Web3 Labs



## Web3 Labs Helps ConsenSys Meet Privacy Requirements of Partners and Customers

ConsenSys has developed the Ethereum client Hyperledger Besu as the key component of its Quorum blockchain offering - the leading Enterprise Ethereum variant, originally developed by J.P. Morgan. Web3 Labs provided it with a suite of enhancements to meet the privacy requirements of its clients.

ConsenSys is a blockchain software technology company. Founded in October 2014, by Joseph Lubin, the co-founder of Ethereum, the organization equips its enterprise-level clients with the powerful product suite to create next-generation applications, launch blockchain-based financial infrastructures, and access the decentralized web with its Ethereum product suite.

### At a glance

**Website**

[consensys.net](https://consensys.net)

**Size**

501-1,000 employees

**Country**

Brooklyn, NY

**Industry**

Cryptocurrency, Blockchain, Web 3.0

**Products and Services**

Delivery Services, Web3j

## Customer Challenges

ConsenSys was looking for a solution that would strengthen the privacy offering as part of its Hyperledger Besu client to fulfill the privacy requirements of the customers this technology was built for.



**HYPERLEDGER**  
**BESU**



## The Solution

ConsenSys partnered with Web3 Labs to help address this challenge. Our team worked together with ConsenSys' protocol engineering team to deliver a number of privacy enhancements to Besu, such as privacy groups and adding the ability to dynamically modify participants in private transactions.

## Customer Benefits

Deploying these enhancements has allowed Besu to meet the privacy requirements of the organization's enterprise customers. In addition to streamline the integration path for Web3 developers, these enhancements were also incorporated into Web3 Labs' Web3j library, streamlining the integration experience for businesses and users.

Since this process was carried out under the governance of the Hyperledger project, it benefited the wider Hyperledger community, which helps expand the overall enterprise blockchain ecosystem globally.



## How Web3 Labs can help you

Web3 Labs works with organizations to deliver applications that improve the trust and authenticity of data and assets. Its clients include Microsoft, J.P. Morgan, and Vodafone.

We also work with leading blockchain companies and protocols to develop their ecosystems and platforms. Clients include ConsenSys, R3, the Open Application Network, the Ethereum Foundation, and ICON.

Web3 Labs is also the creator of the blockchain analytics platform Epirus Blockchain Explorer and the widely used blockchain developer library Web3j, which provides the tools for business applications and Android phones that allow them to work with the Ethereum blockchain. The library is over five years old and has been downloaded over 1 million times, thanks to usage by companies like J.P Morgan, Opera, and Samsung.

We believe in creating business value and greater efficiency through decentralization.

## Questions?

Sign up for a [discovery session](#) with one of our team to discuss **Web3 opportunities for your business.**

