

Corda Network

Enabling businesses to transact directly, seamlessly and securely



Corda, R3's open source blockchain platform, is revolutionizing the way the world does business. Corda enables businesses across every industry—from financial services and healthcare to oil and gas—to transact directly using smart contracts, while ensuring the highest levels of privacy and security.

One of Corda's defining features is Corda Network—an underlying network which provides a common layer of identity and consensus across business networks. Corda Network allows data and digitized assets to move without friction on an open network protected by Corda's privacy model. This enables businesses to transact seamlessly not only across their own business lines, but also with their partners—allowing applications to be deployed rapidly, securely, and economically.

Build business networks, deploy apps, and exchange data

Corda Network's design allows for millions of nodes operating within and across business networks.* Each node represents a network participant's identity and is hosted in the participant's datacenter, on a cloud, or by a third-party service provider. Nodes are part of public or private business networks which define their own governance, membership and rules.

Business networks* are public or private groups of Corda nodes, or identities. Nodes can participate in multiple business networks, and can interact with other nodes within the same network on demand. Business networks are built by institutions and require governance, membership rules, and other controls.

Benefits of operating on Corda Network

Corda Network allows interoperability: The network supports a frictionless exchange of data and assets between business applications running on it—even if created by different companies, with distinct business models, privacy needs and membership criteria.

Transact seamlessly with multiple parties at a time: Businesses can transact with multiple business partners, for different purposes and under different legal frameworks, all at the same time and with guaranteed privacy.

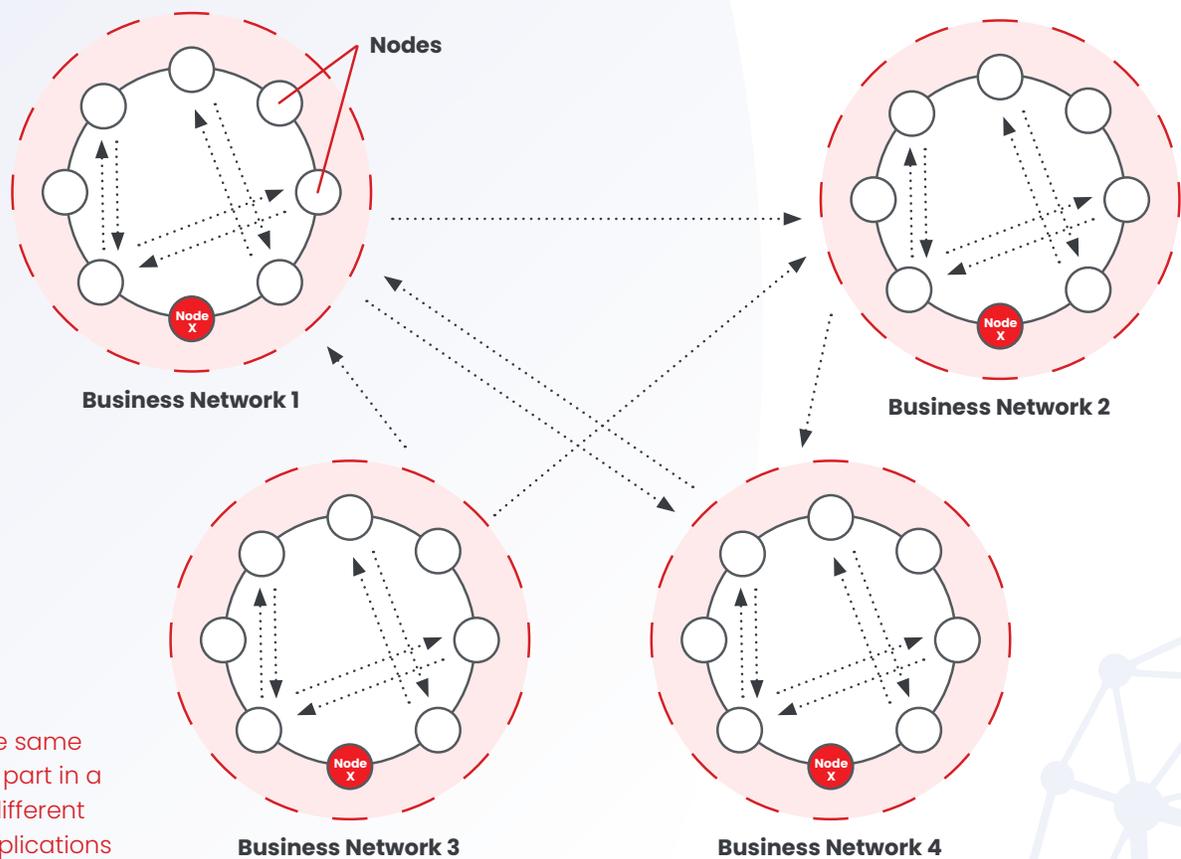
No trapped assets: Firms have the ability to use a single set of digitized assets, like cash, across many different business lines, thus reducing the cost of capital tied up in any single business activity or trapped assets.

Robust governance: Corda Network is governed by a not for profit Foundation, founded on principles including fairness, openness, transparency, independence, stability and flexibility.

“ Our ambition is to create an ‘internet’ of Corda, where digital assets and other data can flow freely between applications, business-specific groups using it are self-governing, and base technical services are provided through a Foundation controlled by all participants.

James Carlyle, Director, Corda Network Foundation

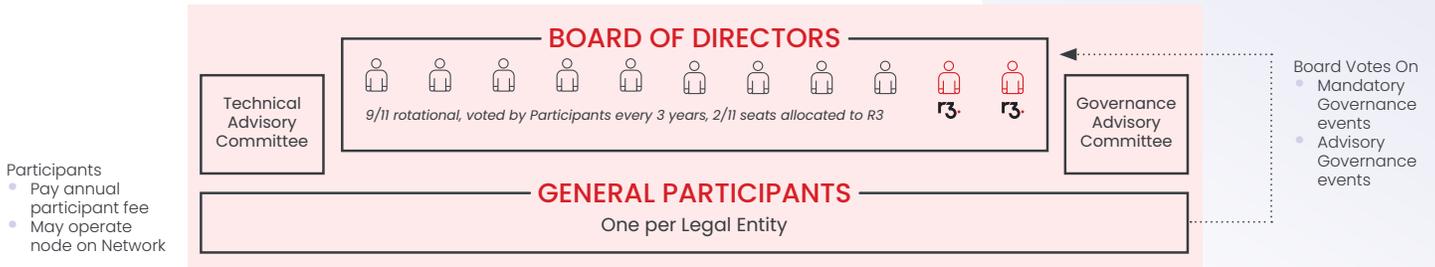
Corda Network maximizes interoperability



Node X is the same node taking part in a number of different business applications

By applying this model, Corda Network maximizes interoperability—sharing of data and digitized assets across applications and lines of business—while also enabling localized or specialized business networks to be built on top of Corda.

CORDA NETWORK FOUNDATION



CORDA NETWORK OPERATIONS



Governance Corda Network Foundation

Corda Network is governed by a not for profit Foundation, set up and domiciled in Holland. Corda Network participants are eligible to vote and stand for the Foundation's Board and make key decisions around it— including network standards and parameters, policies, as well as pricing for Corda Network.

This structure provides a clear separation between areas of governance for Corda Network and for individual business networks. For example, rules around membership of business networks are controlled by its respective Business Network Operator.

General Foundation membership is required for any potential participant on Corda Network, subject to meeting normal network access conditions and paying a nominal annual participant fee to cover both the operational costs of Corda Network services and the Foundation, and to ensure that its activities are sufficiently resourced.

Contact

Ready to join Corda Network? Visit r3.com or corda.network to learn more.

New to Corda? The blockchain opportunity is expanding across all industries. Say hello to a whole new world of interoperability. Contact us at cordanetwork@r3.com to get started.

cordanetwork@r3.com

About R3

R3 is an enterprise blockchain software firm working with a broad ecosystem of more than 300 members and partners across multiple industries from both the private and public sectors to develop on Corda, its open-source blockchain platform, and Corda Enterprise, a commercial version of Corda for enterprise usage.

R3's global team of over 180 professionals in 13 countries is supported by over 2,000 technology, financial, and legal experts drawn from its global member base.

Learn more at r3.com.



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