

White Paper Tecnico - Cricripto (CRC) / Technical White Paper - Cricripto (CRC)

Capa / Cover

Cricripto (CRC)

A moeda digital para mensuracao de valor e trocas justas na IoT e IoE

The digital currency for fair value measurement and exchanges in IoT and IoE

Versao: 1.0 | Ano: 2025

Resumo Executivo / Executive Summary

Portugues:

A Cricripto (CRC) e uma criptomoeda inovadora projetada para mensurar e negociar valor em ambientes digitais conectados pela Internet das Coisas (IoT) e Internet of Everything (IoE). Diferente de sistemas puramente financeiros, a CRC incorpora metricas de impacto social, energetico e tecnologico, permitindo trocas justas entre dispositivos, sistemas e humanos.

English:

Cricripto (CRC) is an innovative cryptocurrency designed to measure and exchange value in digital environments connected through the Internet of Things (IoT) and the Internet of Everything (IoE). Unlike purely financial systems, CRC incorporates social, energy, and technological impact metrics, enabling fair exchanges between devices, systems, and humans.

Problema / Problem

Portugues:

1. Falta de mensuracao justa de valor
2. Ineficiencia de trocas
3. Exclusao de contribuicoes potenciais

English:

1. Lack of fair value measurement
2. Inefficient exchanges
3. Exclusion of potential contributions

Solucao Cricripto / Cricripto Solution

Portugues:

A Cricripto propoe uma rede descentralizada baseada em blockchain, com Proof-of-Value (PoV), permitindo tokenizacao de interacoes digitais (CRIs), mensuracao ampliada de valor, automacao de trocas via smart contracts e interoperabilidade entre diferentes blockchains.

Exemplos: ventilador e TV negociando energia e volume; veiculos inteligentes negociando passagem; pets oferecendo CRIs para localizacao.

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English:

Cricripto proposes a decentralized network based on blockchain with Proof-of-Value (PoV), enabling tokenization of digital interactions (CRIs), extended value measurement, automated exchanges through smart contracts, and interoperability across different blockchains.

Examples: fan and TV negotiating energy and volume; smart vehicles negotiating passage; pets offering CRIs for location.

Tecnologia / Technology

Portugues: Blockchain PoV, Smart Contracts, Interoperabilidade, Seguranca

English: PoV Blockchain, Smart Contracts, Interoperability, Security

Casos de Uso / Use Cases

Portugues:

1. IoT Domestica
2. Mobilidade Urbana
3. Saude Conectada
4. Industria 4.0
5. Acessibilidade Global
6. Pets

English:

1. Home IoT
2. Urban Mobility
3. Connected Health
4. Industry 4.0
5. Global Accessibility
6. Pets

Modelo Economico / Economic Model

Portugues:

Moeda nativa: CRC, Oferta inicial: 10 bilhoes, Distribuicao: Incentivos 40%, Desenvolvimento 25%, Inclusao digital 20%, Parceiros 10%, Equipe 5%, Inflacao controlada.

English:

Native currency: CRC, Initial supply: 10 billion, Distribution: Incentives 40%, Development 25%, Digital inclusion 20%, Partners 10%, Team 5%, Controlled inflation.

Governanca / Governance

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Portugues:

DAO Cricripto, Voto proporcional, Decisoões automatizadas via smart contracts.

English:

Cricripto DAO, Proportional voting, Automated decisions via smart contracts.

Roadmap / Roadmap

Portugues:

Fase 1 - Fundacao (2025), Fase 2 - Expansao (2026), Fase 3 - Adocao (2027-2028), Fase 4 - Maturidade (2029+).

English:

Phase 1 - Foundation (2025), Phase 2 - Expansion (2026), Phase 3 - Adoption (2027-2028), Phase 4 - Maturity (2029+).

Conclusao / Conclusion

Portugues:

A Cricripto representa a evolucao das criptomoedas para um sistema justo, inclusivo e coletivo.

English:

Cricripto represents the evolution of cryptocurrencies to a fair, inclusive, and collective system.