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USE CASE

Blockchain Companies Demonstrate Purity of BTC Funds

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New Blockchain Opportunities — and Challenges

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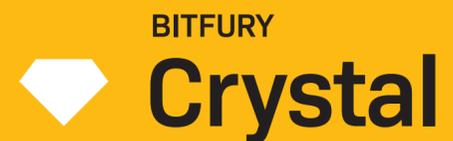
Blockchain offers new opportunities for digital business companies. Among others, it brings trust between business parties, so that they do not need traditional financial mediators. However, state financial regulators are cautious about money flows on the Bitcoin Blockchain because they cannot clearly see their sources and destinations.

Essentially, a company doing its business on blockchain needs to convince the financial regulators that all the bitcoins the business holds are compliant with anti-money laundering legislation.

Development Comes with Trust

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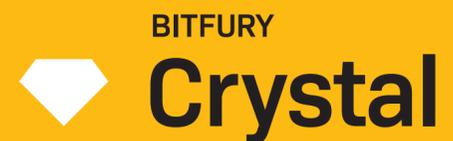
For example, a Canadian cryptocurrency venture Fund invests in the development of blockchain technologies in health institutions. Blockchain technology could be used to improve the quality of state medical services for patients and reduce the number of lethal cases that occur due to the lack or incompleteness of medical records.

The Fund has been receiving bitcoin donations from different sources and invests the funds into several technological companies around the world. However, the Fund's main concern is the ability to prove that the bitcoins that they receive are not financing terrorists or money laundering activity. Otherwise, the company will face stern sanctions from the Financial Services Commission of Canada and others, and the development of potentially life-saving technologies will become more difficult.

Crystal™ Helps Businesses Demonstrate Purity

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Crystal provides Risk Score and Multiple Addresses Assessment features. By using these tools, users can:

- Get a detailed list of blockchain addresses from which bitcoins come or go.

- Get a risk score for each source address, which shows the likelihood that a certain address is associated with criminal behavior.

- Reject transactions from unwanted sources.

- Get a risk score assessment for each address receiving funds.

Crystal provides a list of addresses with a corresponding risk score and reasons for that score. With this document, the Fund can demonstrate the purity of the bitcoins they accept and the activity within their transactions.
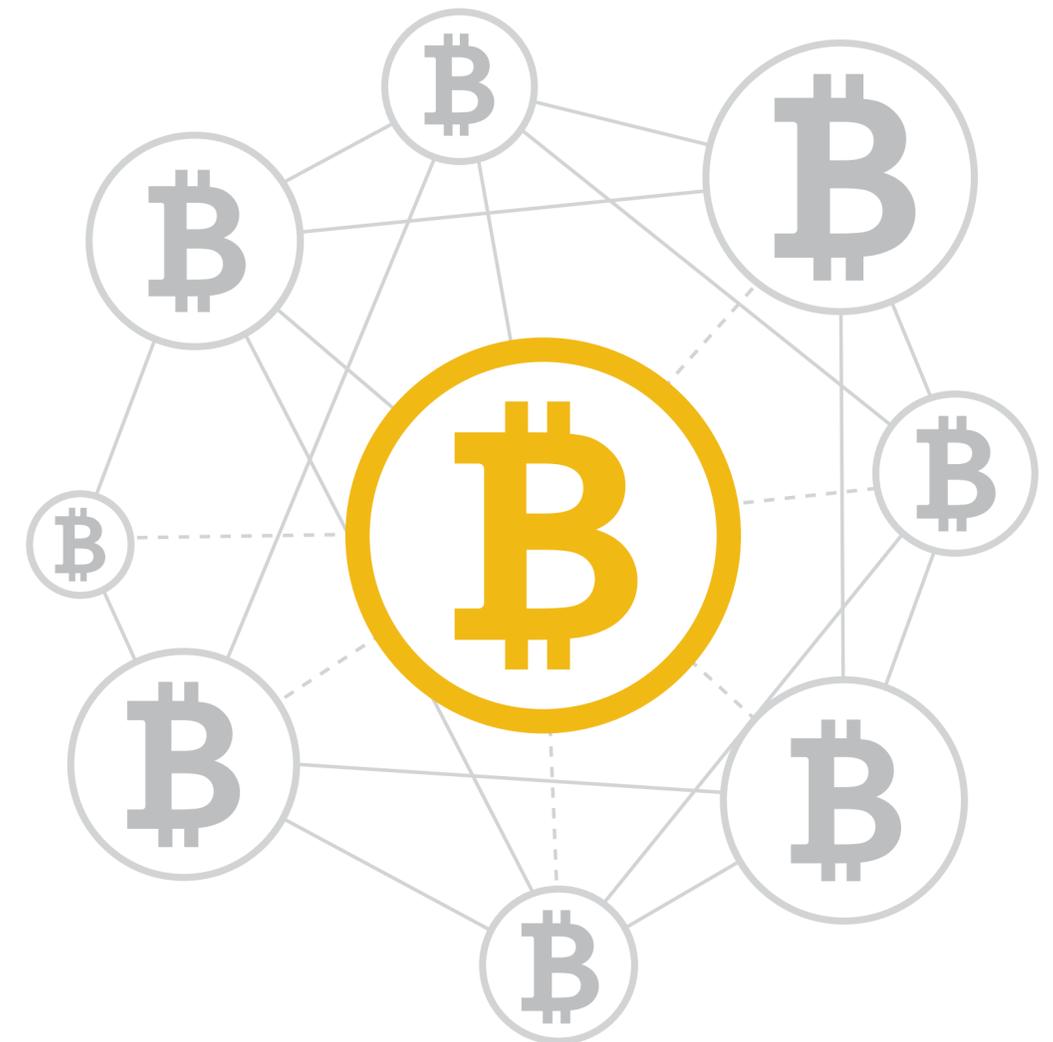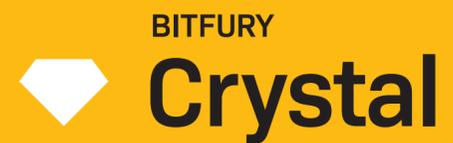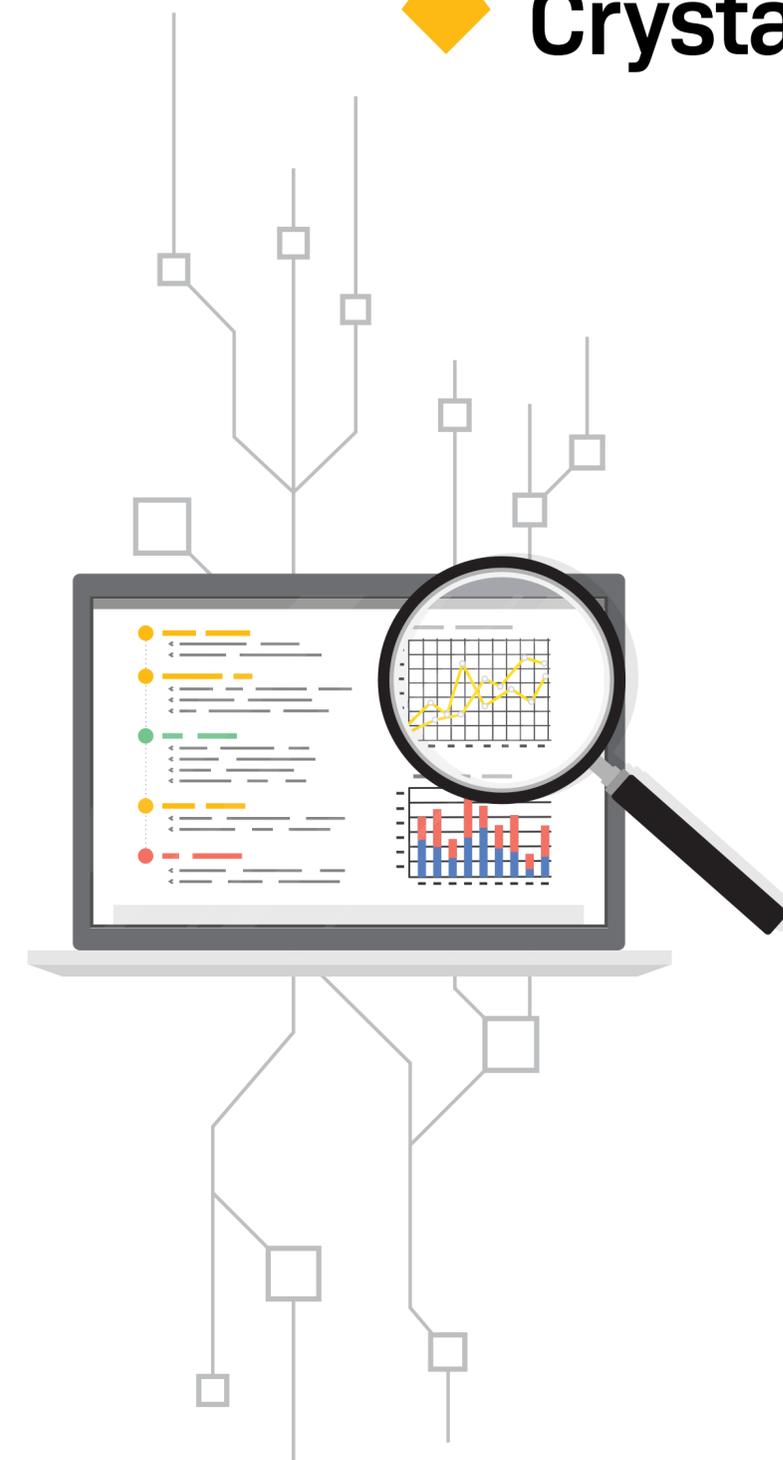
About Crystal

Crystal is the all-in-one blockchain investigative tool for law enforcement. As public blockchains and cryptocurrencies become more widely used, a broader set of tools is needed to track criminal behavior. Powered by the expertise of the Bitfury Group, **Crystal** can:

- Help investigators identify and track criminal activities, like ransomware payments.

- Link pseudonymous bitcoin payments to real-word entities, including exchanges, individuals and mixer services and reveal the real-world names of those entities in a user-friendly format.

- Identify ownership of bitcoin wallets and the interaction of different Blockchain entities.

- Provide substantial evidence for legal pursuance of charges.

Crystal is available as a web application, but can also be deployed on internal servers for added privacy.

You can find more information on **Crystal** at: crystalblockchain.com

The Bitfury Group
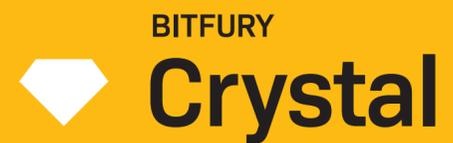
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Crystal is the result of two years of development by the Bitfury Group's software team, consisting of world-class blockchain analysts, award-winning mathematicians and professional software developers — united by the idea of leveraging blockchain technology to build a better, safer future. We have been turning this idea into a reality, designing best-in-class blockchain solutions for people all around the world.

Founded in 2011, the Bitfury Group is the leading full service blockchain technology company and one of the largest private infrastructure providers in the blockchain ecosystem. The Bitfury Group develops and delivers both the software and the hardware solutions necessary for businesses, governments, organizations and individuals to securely move an asset across the blockchain. The

expertise of the Bitfury Group ensures successful, easy, fast, secure and cost-effective connectivity to the blockchain. The Bitfury Group is a global team of experts in technology, business, communications, security and civil society.

The Bitfury Group believes the blockchain can and will open new doors for global economic opportunity and prosperity, and its mission is to create and advance blockchain applications that will further promote innovation and the advancement of the peer-to peer economy.

Company's website: bitfury.com

You can find us on Twitter: @BitfuryGroup