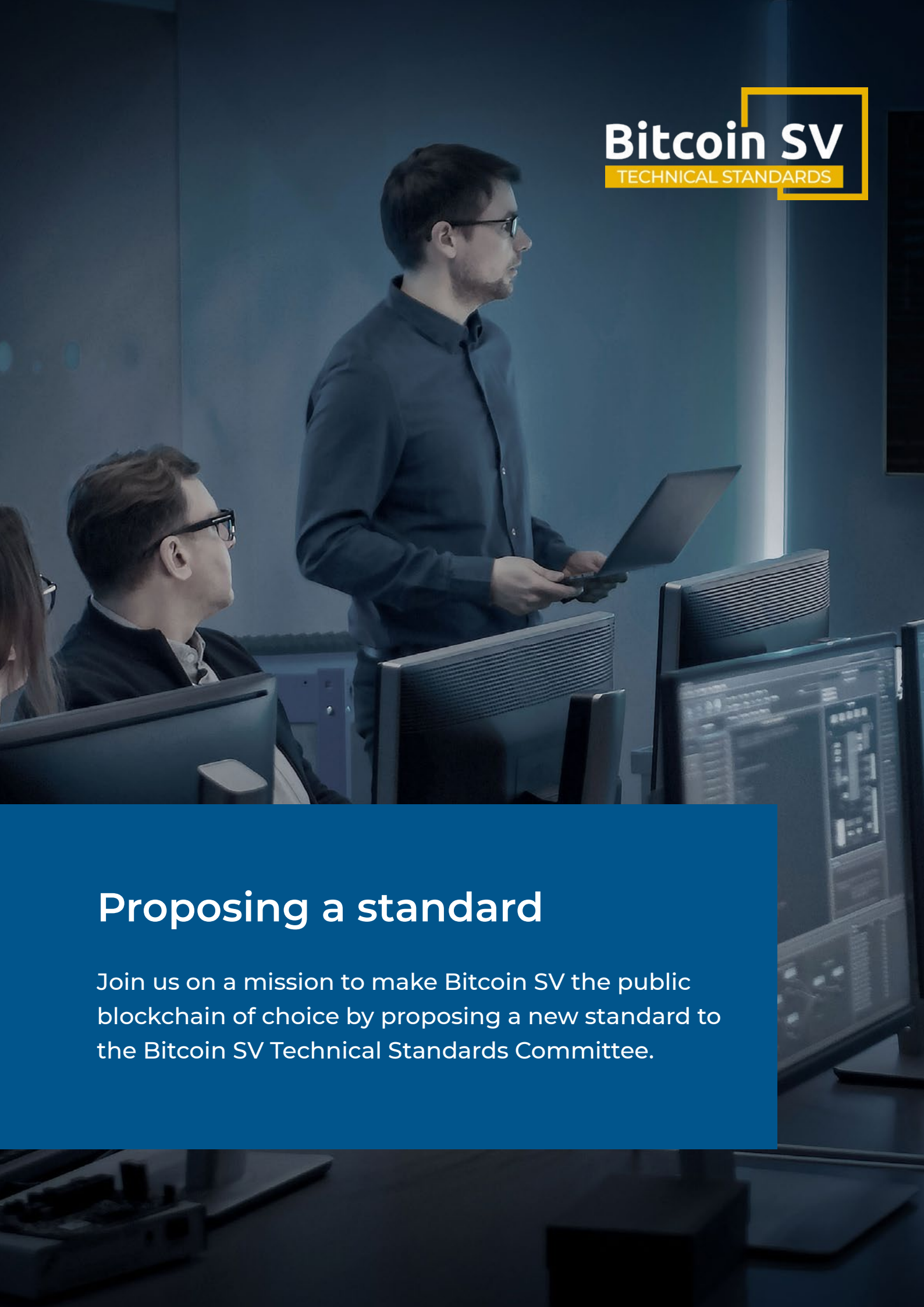

Proposing a standard

Join us on a mission to make Bitcoin SV the public blockchain of choice by proposing a new standard to the Bitcoin SV Technical Standards Committee.

Standards promote technical excellence

They fuel the development and implementation of technologies that influence and transform the ecosystem by granting credibility to the new products and applications that integrate them. Technical standards:

- Define good practice
- Help individuals and companies
- Support sustainability
- Assure inter-connectivity and interoperability

You can propose a new standard

Give your company a voice in the development of standards. We welcome applications from all areas of the industry. Our proposers come from:

- Diverse sectors of the Bitcoin SV ecosystem (e.g. wallets, mining, applications, token, banking)
- Varied backgrounds (e.g technical, business owner, investment)
- Array of roles (e.g engineer, CEO, researcher, developer, strategist)
- A mix of organisation's size (e.g. individuals, major associations, small-to-medium enterprises, and start-ups)

Proposers benefit from being involved

Joining in the standardisation process can bring significant advantages to you and to your business:

- Gain direct access to information that could shape the market of the future
- Hold a voice in the development of standards
- Help keep market access open
- Stay close to the cutting edge of the industry's development

Standards

What are technical standards?

Technical standards form the basis for product development by establishing consistent protocols that can be universally understood and adopted. Standards are voluntary tools which define agreed good practice. They are published documents that provide requirements, specifications, guidelines or characteristics that can be used consistently to ensure that materials, products, processes and services are fit for their purpose. The use of technical standards in product development assures inter-connectivity and interoperability. They fuel the development and implementation of technologies that influence and transform the ecosystem by granting credibility to the new products and applications that integrate them.

Why standards are important?

Using technical standards saves the need for multiple organisations to solve the same problems over and over. Technology history has repeatedly demonstrated the value of seeking consensus on technical standards, to fuel industry growth through compatibility and interoperability between different businesses. They allow technology to work seamlessly and establish trust so that the ecosystem can operate smoothly.

Technical standards:

- provide a common language to measure and evaluate performance
- make interoperability of components made by different companies possible
- protect consumers by ensuring safety, durability, and market equity

Standards are sometimes used by regulators and cited in regulations as a tool to demonstrate compliance. They can also serve as a catalyst for innovations and help in anchoring solutions more quickly on the market. Incorporating innovative aspects into standards can prove crucial for market success since it is then best prepared for the product. Innovations that extend across industries and value chains in particular are becoming increasingly important.

Why propose a new standard to the Bitcoin SV technical standards?

Bitcoin SV technical standards is a high quality standards organisation. Whilst there are others, it is unique in its focus on, and specialism in, BSV. Being under Bitcoin Association's umbrella, it is positioned within its network of industry experts that plays an important role in the development of the Bitcoin SV ecosystem.

A major strength of BSV technical standards is that they are developed by the people that need them. Industry experts are involved at all stages of the development process, from deciding whether a new standard is needed, to defining all the technical content and reviewing and monitoring industry adoption once published.

By proposing a standard to the Technical Standards Committee (TSC) or participating in a working group, you will have access to:

- A defined process that will ensure the quality, impartiality and pertinence of the standard produced
- Tooling and resources allowing you to concentrate on the standard development
- Dedicated guidance from seasoned Bitcoin SV professional acting as sponsor for the working group
- A project coordinator, a technical writer and the ability to request specialist advice from Bitcoin Association network
- A publication platform for the standard produced that is freely accessible by all interested in developing Bitcoin SV

How you can benefit from participating in the process

Getting involved in this process can bring significant advantages to you and to your business:

- Gives you direct access to information that could shape the market of the future
- Gives your company a voice in the development of standards
- Influences future technologies
- Boosts you personally knowing that your contributions have been recognised
- Helps to keep market access open

What is the technical standards committee?

Mission

The TSC's mission is to promote technical excellence and improve Bitcoin SV's utility by enhancing interoperability, through standardisation. The TSC brings people together, facilitating industry participation in the development of global technical standards, ensuring they are maintained and freely available.

Objectives of Bitcoin SV Technical standards programme

The Technical standards programme is designed to promote growth of the Bitcoin SV ecosystem, interoperability between systems and enhance credibility of solutions built on Bitcoin SV, from the perspective of auditors, regulators, insurers, and clients. It encourages the development of certification schemes, fosters business growth and infers market signalling from proposals and has international reach.

The Committee

The TSC consists of seasoned Bitcoin SV professionals that govern the development of standards and work with a wide variety of authors and reviewers from across the industry to produce world-class technical content. The initial committee represents four continents, seven countries and diverse sectors of the Bitcoin SV ecosystem, including wallets, mining, applications, token solutions, venture investment and banking.

Who creates Bitcoin SV technical standards?

Technical standards are created by working groups of experts in their subject matter who know the needs of the organisation and sectors that they represent and of the wider ecosystem. The strength of Bitcoin SV technical standards is that they are developed by the people that need them. Industry experts are involved at all stages of the development process, from deciding whether a new standard is needed, to defining all the technical content and reviewing and monitoring industry adoption once published.

Who oversees the standards development?

The TSC oversees the process and serves as facilitators, offering the platforms, rules, governance, methodologies and access to specialists such as a technical writer to objectively address the standards development lifecycle. Each standard is developed by a working group which is assigned a TSC sponsor. The sponsors independently oversee the working group with their own methods, while ensuring policies and processes are maintained, to guarantee high quality outputs and reinforce the relevance of industry and technology standards.

Support offered to working group

The technical programme provides access to processes, tooling, guidance and resources for participants who, in response to a perceived need, wish to come together to standardise ways in which applications built on top of Bitcoin SV can interoperate. This includes access to:

- Dedicated guidance from seasoned Bitcoin SV professionals acting as sponsor for the working group
- A project coordinator, a technical writer and the ability to request specialist advice from Bitcoin Association network
- A defined process that includes internal and public review as well as an adoption period that ensures the quality, impartiality and pertinence of the standard published
- A platform to collaborate to the standard authoring and review
- Onboarding videos and supporting documentation
- Mechanism to protect information in confidence during the development process
- Copyright policy, IP guidance, and template to achieve open BSV licensing
- Publishing platform

Principles and processes

Key principles in standards development

The TSC acts as facilitators by focusing on governance of the standards process, and not as an authoritative body. Substantial work for recommending standards will be carried out by industry workgroups for each of the different technical areas, meaning that there will be many opportunities for participation from the wider Bitcoin SV ecosystem.

Industry driven:

The TSC does not decide when to develop a new standard, but responds to a request from industry players who, in response to a need, submit a proposal to create a new standard. Once published, the TSC monitors industry response to the standard. If the TSC determines that the standard has received sufficient adoption, it is promoted to a recommendation.

Developed by experts:

Bitcoin SV Technical Standards are developed by groups of experts from all over the world that are part of larger groups called working groups. These experts are involved at all stages of the standard development process, from deciding whether a new standard is needed, to defining all the technical content and reviewing and monitoring industry adoption once published.

Collaborative and opened:

The TSC ensures all interested parties can participate actively in the standards development process either by proposing a standard, joining a working group or commenting at the public review stage.

Follow due process:

The TSC defines visible procedures for standards creation. Their implementation are monitored and recorded by the working group sponsor and the project coordinator.

Fully consider feedback:

Developing standards is a consensus-based approach and comments from all stakeholders gathered during the internal and public review are taken into account.

The standard development process is split into three phases Submission, Drafting and Review, and Standardisation. Each phase is made up of a number of activities. Watch the videos on the TSC website for an overview of the process and details of activities for each phase.

Get involved

Bitcoin SV
TECHNICAL STANDARDS

tsc.bitcoinassociation.net