

Power Belt Security

Infrastructure and Data Management

Power Belt leverages the Azure cloud platform for its hosting needs, utilizing Supabase for database management and PostgreSQL as its primary database. We employ LogRocket for monitoring and logging of runtime errors and issues. A key aspect of our approach to data security is the execution of all computational operations directly within the user's browser. This eliminates the reliance on external computation servers and enhances data privacy.

User Account Security

Our application ensures the secure management of user accounts and authentication via Supabase, offering comprehensive services for managing user credentials securely. User information, such as emails and passwords, is stored in a dedicated schema, with passwords being securely hashed using bcrypt.

Single Sign-On (SSO) Integration

Power Belt supports SAML-based Single Sign-On (SSO), facilitating smooth integration with customers' Identity Providers (IDPs), enhancing the user experience and security.

Data Privacy

Our application incorporates two distinct modules, each grounded in the principles of Six Sigma and Lean methodologies. This structure is designed to prioritize user data privacy while also streamlining project management processes.

Data Privacy - Six Sigma

The Six Sigma module emphasizes statistical analysis, carried out entirely within the user's browser to maintain data confidentiality. Users can import Excel files for analysis, with all statistical computations performed locally, negating the need for data transmission or storage outside the user's device. Additionally, users have the option to delete their Six Sigma browser data for further security assurance.

Data Privacy - Lean

The Lean module is tailored for video analysis, processing videos directly within the user's browser without uploading them to external servers. Similar to Six Sigma, all computational tasks are performed locally. Only textual descriptions, timestamps, categories, and analysis names related to the video analysis are stored, enabling us to offer a comprehensive analysis project management experience without compromising data privacy.

Contact Us

For any inquiries, support needs, or feedback, please don't hesitate to get in touch with us at hello@power-belt.cz.