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## White Paper

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### BioStar 2 Mobile Card

Suprema's BioStar 2 mobile card can be issued directly from BioStar 2 or BioStar 2 Mobile app without using portal services like any other system. In addition, the BioStar 2 Mobile app, which allows you to directly control the functions of BioStar 2 or monitor system logs, is used together to provide users with a unified user experience (UX).

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### FaceStation 2 | Your face is the key

Face is one of the easiest way to distinguish a person from another. Face recognition terminals use face as a credential, which is the most similar way for a human to recognize a person. Due to this nature of the face recognition technology, people feel comfortable to perform the face authentication. Fingerprint recognition devices, which are the most commonly used for biometric authentication, are equipped with an optical sensor. As the face recognition utilizes cameras to identify a person, it does not require an optical sensor. FaceStation 2 is an access control and time and attendance terminal, featuring better user experience with Android 5.0 Lollipop and Suprema's latest algorithm, hardware and software. A wide range of functions and enhanced performance will provide users with a whole new different non-contact biometric authentication experience.

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### Introducing BioStar 2's Time and Attendance System

BioStar 2's time and attendance management system consists elements of Pay Code, Shift, Schedule, Schedule Template, and Overtime Rule. The Time Card and Report features can be used to edit or print out individual time and attendance records as reports.

Structure-wise, BioStar 2 T&A and BioStar 1 T&A may look similar. However, BioStar 2 T&A simplified the complicated configuration of BioStar 1 T&A and increased the flexibility of the functions to allow diverse configurations.

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## Suprema's Live Finger Detection Technology

Today, fingerprint is the most flexible and reliable method with higher recognition rate than any biometric technologies such as iris, facial, and vein recognitions. However, there's also a growing concern with regards to the usage of fake fingerprints. Since fingerprint residue can be easily captured from things that we touch in our daily lives, if we do not pay enough attention, somebody can capture and replicate your fingerprints and use them for malicious purposes.

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## BioStar 2 API and ECO System

Suprema provides its partners and customers with BioStar 2's core functionality through BioStar 2 API and supports them to create better business models. You can easily integrate BioStar 2's functionality with your existing security solution or create new security solutions using BioStar 2 API. BioStar 2 API offers everything you need for integration and application development. BioStar 2 is a modularized architecture. so each feature of BioStar 2 is a separate module. This modularized architecture makes it easy to integrate with 3rd party systems and expand its own functionality.

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