

Pantaleon Sugar Mill Project

Selected NCheck Biometric for its employee's day to day attendance activities & management



A brief overview:

Pantaleon S.A. is an agro-industrial organization dedicated to the responsible for processing of sugar cane for the production of sugar, molasses, alcohols and energy. It has team of more than 21,200 employees in Mexico, Guatemala, Nicaragua, Brazil and the United States, contributes to reach an annual production of 1.17 million tons of sugar and by-products. As a group, Pantaleon is the leader in the Central American region in sugar production and they rank among the top ten most important in Latin America.

Challenges:

Pantaleon S.A., Nicaragua, Guatemala had an around 3600 staffs in their offices. It had implemented Fingerprint Authentication system for its employee in the field to manage the large workforce. In the current system, Pantaleon faced lots of issue in their day-to-day operation. Sometime, the system was unable to identify the fingerprints of the users. The existing system had lack of scalability and interoperability with the other different fingerprint scanners. With foreseeing all these problems, Pantaleon wanted to have a robust, multi-modal and efficient attendance management system which can solve all the existing problems and the system which can support in future scalability.

After trying a lot of solution available in the market, it selected **NCheck Biometric Attendance Management System**.

The NCheck Biometric Attendance provided a POC and followed by trial where it addressed some of its core problem

- Ability to solve the problem within stipulated time. Quick turn-around time to its problem.
- Corrective technical support and assistance.
- Preventive technical support.
- Help the customer in transition from the existing system to new systems.
- Helped in managing the offline attendance of the remote staff.

Background

- **The Customer:** Pantaleon S.A., Latin America.
- **The need:** Pantaleon wanted to have a futuristic, robust and reliable attendance system which can support more than one biometric modalities and convenient to use and provide both offline and online attendance and support large numbers of users on the virtual server.
- **The solution:** Pantaleon had already been using Biometric attendance system. The current system had a lot of issue. They evaluated several attendance systems in the market and finally settled with **NCheck Attendance** from [Neurotechnology](#).

Why NCheck Bio Attendance?

Pantaleon S.A. evaluated several products from the market including some fingerprint-based mobile attendance device, but finally selected NCheck because of its accuracy and simple to use system. They wanted a solution where they can use the existing mobile phone, tablet and laptop to mark attendance from the field using face recognition technology and didn't want to invest on dedicated attendance system to manage. The biggest challenge was to accurately identify the user from the field in the adverse conditions. It also wanted to have a system which can identify the user in offline mode.

NCheck helps employees enrolled and checking in-out every day just by looking to smartphone carried by the supervisor. Manager access attendance data from any location with internet connected computer or smartphone, use summary reports for accounting. NCheck helps the customer to mark attendance from anywhere offline, generate reports, and prepare the pay-slip on time. It also helps creating/editing roster in a couple of minutes.

The Role of NCheck

The NCheck Standard Client software was installed on an Android smartphone and registration was done easily by taking selfie and making sure the best quality image is being stored for better face recognition. Users were registered under the different group, and each group were further assigned to respective shifts. Creating rostering features also helped the customer to create a roster for the shift very easily within couple of minutes.

Results

With the implementation of NCheck, it helped Panteleon increased in efficiencies and saved its operational cost. Most important, the information was made available anytime anywhere for the management. The solution was implemented long ago before the Pandemic and the management realized that the solution even worked during the pandemic situation, as the solution offered touchless and contactless attendance and even with face mask the NCheck worked well. Because of Multi-modality support it was possible for the organization to continue to work even during Pandemic without losing a single Pay.



NCheck Bio Attendance

Biometric solutions for cloud based and on-premise attendance

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