

NYC Health Department launches eVital for reporting births and deaths

Teams up with Authomate to bring cutting edge adaptive facial recognition technology to eVital



New York City Department of Health and Mental Hygiene (DOHMH), with an annual budget of \$1.6 billion and more than 6,000 employees throughout the five boroughs, is one of the largest public health agencies in the world protecting and promoting the health of 8 million diverse New Yorkers.



GCOM is a business and technology consulting firm that provides a broad range of professional services designed to deliver cutting edge business and technology solutions. GCOM has emerged as a national player in the government regulatory and inspection automation, customer engagement, and criminal justice solutions.



Authomate is a technology startup which is building the next generation of authentication solutions that provides frontline defense for companies across all industries. These solutions combat credential theft, token loss, and security fatigue and mitigate the vulnerability risks that still exist with all other solutions.

Authomate shifts the burden of authentication from a human's memory to their smartphone, thus transforming the human experience, replacing complexity with convenience, while delivering greater security to user authentication.

Opportunity

New York City had an Electronic Vital Events Registration System (EVERS) that facilitated all vital events reporting, registration, processing, issuance, and analysis with approximately 10000+ unique internal and external EVERS users. Over 95% of all New York City births, deaths, spontaneous and induced terminations of pregnancy, were processed through EVERS. EVERS interfaced with the Office of Chief Medical Examiner (OCME); integrated with Internet orders and walk-in kiosk orders for certificates.

EVERS was an old system, implemented with off-the-shelf products, on an outdated framework. EVERS was unable to provide the same level of efficiency and stability for the growing demands of DOHMH.

With EVERS, biometric affirmation was based on a limited number of fingerprint devices which were attached to specific terminals. Funeral directors, doctors, and Health Department staff were required to use these terminals to report vital records, making it inconvenient to use.

Solution

The NYC Health Department launched eVital, a new system for reporting births and deaths in New York City. Developed by GCOM for DOHMH, eVital has replaced the decade-old EVERS.

The new eVital system is a user-friendly web-based technology framework that supports a secure and efficient data exchange based on DOHMH standards. It adapts easily and offers functionality via mobile platforms like kiosks for order intake and order status; and biometric affirmation via mobile devices. Last year, 12,000 people used this system to register 122,000 births, 53,000 deaths, and issue one million official certificates.

Authomate's Role

Authomate provided the key adaptive facial recognition technology component to eVital using its patented authentication orchestration platform. This eliminated the need for DOHMH and GCOM to develop

Authomate's Role (continued)

any such technology and or requiring any special hardware. Using Authomate Certify SDK and Certify mobile App, GCOM was able to add biometric capabilities to the eVital platform with minimal integration and development effort.

With new facial recognition based biometric affirmation in eVital, doctors and funeral directors can use a smart phone to certify events quickly and securely without having to go to specific terminals in a facility. The certification is done using the Certify App, provided by Authomate. They can also complete the entire certification process from their mobile phones using the Certify App if they are on the road.

The adaptive facial recognition technology developed by Authomate adapts to the changes in users' faces improving recognition accuracy.

Conclusion

By using Authomate Certify SDK, GCOM was able to add flexible and scalable adaptive biometric capabilities to eVital platform with minimal impact while also making it very easy for users to use.

*“eVital expands functionality and improves security for doctors and funeral homes, while giving New Yorkers additional access to birth and death records they need to obtain passports, enroll in school or obtain a lease or mortgage,” said **Acting Commissioner Dr. Oxiris Barbot**. “The Health Department is constantly improving the services that we provide for New Yorkers, and properly capturing and reporting on the facts of birth and death are fundamental to improving health.”*

source - <https://www1.nyc.gov/site/doh/about/press/pr2018/pr087-18.page>

*“NYC Department of Health and Mental Hygiene takes the security of NYC citizens information seriously. To minimize and prevent frauds as it relates to birth and death information of NYC residents, DOHMH continues to strengthen the authentication. DOHMH is moving from finger print as biometric certification to Facial recognition. Authomate not only provides federated, verified identity that leverages multi-factor authentication and an effective identity proofing process, but also makes it simple to implement and easier to use for the end users. Additionally this solution provides the much needed mobility in biometric certification v/s traditional biometric certification methods where users are required to walk to specific desktops for providing finger print. Geo location capture during certification process will enable DOHMH to track any potential cyber attacks proactively.” - **Namrata Kumar, Assistant Commissioner Bureau of IT Strategy & Project Management, NYC DOHMH IITT***

Solve It With Authomate

Authomate develops a broad set of authentication and identity solutions which help with:



Websites

Log into websites by using your smartphone.



Devices

Unlock your computer using your smartphone



Documents

Add passwords to your Word, Excel, PowerPoint, pdf and other documents seamlessly



Applications

Bring authentication to your windows applications



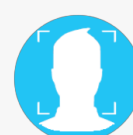
Privileged Access Management

Use StrongPass to share the access, NOT the passwords



Workflow Authorization

SDK to implement workflow authorization using StrongPass



Facial Biometrics SDK

Easily add facial biometric recognition to your applications without any additional hardware