BAID™
By ChromoLogic

BAID

Biometric Authentication and Identification

WHAT IS BAID?

BAID is a personal authentication solution that uses multi-factor biometric identification to grant HIPPA-compliant access to health records anywhere, including in situations with intermittent/no network access.

WHY IS BAID NEEDED?

More than 10% of US Citizens do not have valid IDs. More than 1 billion people in the world have no identification. BAID provides a solution for identifying individuals with no identification so that they are eligible for critical health services. In an urban setting, this includes homeless populations, and individuals with drug/mental disorders that in large part don't have valid identification. During disasters and medical emergencies, many individuals are unable to present valid identification that can delay care or, worse lead to medical errors. BAID is intended to make sure everyone who is eligible is able to get relevant support even if they have lost or do not have access to documentation that validates their identity. Furthermore, BAID is ideally suited for checking immunization/testing status (COVID19).

HOW DOES BAID WORK?

BAID is an authenticator that couples with a caregivers device (phone, computer). Using a fingerprint and iris scan, a HIPAA compliant hash is created that links to the individual's records within an EMR. BAID provides a gateway for accessing medical records and other centrally stored personnel data. It couples via USB and does not require any power to operate.

WHAT MAKES BAID DIFFERENT?

BAID is a more personal, secure, cost effective and versatile solution than current options in the market. Utilizing a multi-factor authentication solution allows medical professionals to lower error rates and increase quality of care to their patients. BAID enables data exchange between EMRs and reduces administrative costs associated with duplicate medical records. Because the hardware is tethered via USB to a medical providers digital device, it does not require any external power or independent network connection and therefore ideally suited for limited resource point of care settings. BAID removes the frictions associated with a patient and their medical and other records and enables rapid and timely support through the continuum of care.

ENROLL PATIENTS

UPDATE EHR

ACCESS PATIENT RECORDS

UNAMBIGUOUSLY IDENTIFY PATIENT

 | 1225 South Shamrock Avenue Monrovia, CA 91016 | www.chromologic.com | 626.381.9974

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KEY BENEFITS

- Rapid, HIPAA-compliant access to health records even if a patient does not have valid identification.
- Enroll and unambiguously link patients with their medical records to enable better, more efficient care delivery.
- Enable telehealth authentication, registry of patients into system who do not have any physical identification.
- An API to allow developers to integrate BAID's biometric identification capabilities with other apps (e.g. electronic medical record apps). Currently integrates with CERNER through the CERNER API.
- Reduces risk of medical errors associated with misidentification of patients.
- Reduces administrative costs associated with duplicated medical records.

BAID CLOUD ARCHITECTURE

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