

# Identity Management & Biometrics Services



Experience the commitment®

## Ensuring the Right People have the Right Access to the Right Systems

### What is Identity Management & Biometrics Services from CGI?

CGI delivers end-to-end identity management solutions, including military-strength biometrics technology; trusted security credential processing; identity and access management (IAM); biometrics system integration; and expert consulting.

### Challenges for IT

Organisations today face ongoing attempts by malicious individuals and organisations to gain unauthorised access to facilities, systems and data. It is vital that the right people have access to the right information over a trusted infrastructure with processes that are easy and efficient to manage, scale and grow.

The cost of recovering from a cyber-attack can be huge – the disruption to business, regulatory fines, loss of valuable information such as product launch plans, intellectual property, brand or reputational damage.

We believe building security into systems at the earliest concept and design phases is the only effective way to secure the complex, integrated and interconnected solutions that organisations rely on to operate and grow.

Designing-in measures to counter cyber criminals will help to lower the cost of their attacks, both in terms of the potential damage and the scale of the response required.

### Identity Management & Biometrics Services: how does it work?

Our products and services empower clients to block hostile threats while enabling authorized individuals to have rapid, controlled access to conduct operations, with confidence.

### Trusted identifying credentials and two-factor authentication systems

- High-volume production of secure ID cards and documentation, applying decades of experience supporting e.g. the production of U.S. passports and visas for the U.S. State Department
- Two-factor authentication systems integration, operations and consulting
- Common access card integration
- HSPD-12, PIV and PIV-I credential services and implementation
- ID badge workstation fingerprinting



### I&AM & BIOMETRICS

- End-to-end Identity management solutions
- Biometrics system integration
- Three and four factor authentication solutions
- Biometric management middleware

### Benefits from Identity Management & Biometrics Services from CGI

For more than a decade, CGI has fielded, operated and supported more than 5,000 biometrics identity systems, processing more than 500,000 annual enrollments in harsh, remote environments around the world. Additionally, CGI was the lead innovator for developing tactical biometric systems for the U.S. government with capabilities spanning multi-modal biometrics systems including on-board finger, face and iris matching. We've bundled our best practices and expertise in our services. You benefit directly from this by optimized costs for quality of services, suited for your needs.

## Heightened access control powered by military-strength biometrics

- System integration of multi-modal biometric-based access to:
  - Mobile applications
  - Applications designed for desktops and PCs
  - Secure facilities and controlled areas
  - Enterprise-level federal identity management solutions
- Three- and four-factor authentication implementation that fuses something you have (a mobile device), something you know (password/PIN), something you are (voice recognition/biometrics) and somewhere you are (location/patterns of life)
- Web services and systems integration to layer biometric security on top of existing applications and security controls
- Design, development and implementation of sophisticated countermeasures to frustrate biometric impersonation and alteration attempts
- High-level consulting services for best integration/implementation within the customer- specific business processes while future-proofing systems for best long-term ROI.

## Specialized biometrics support for law enforcement and the military

- System integration of biometric-powered threat control systems to identify criminals and national security threats, protect national borders or secure controlled (e.g. prisoner) populations through multi-modal biometric matching
- Implementation of military-grade, high-speed “green/red” threat identification via matching of multiple biometric modes and other identifying data
- Implementation of biometric enrollment and matching systems with impartial expert analysis of iris cameras, voice recognition technology and other biometric equipment and software
- Targeted training and support by qualified subject matter experts

## Differentiated capabilities to accelerate your protection

- **Patent-pending three- and four-factor authentication mobility web service** that secures access to systems and data from any endpoint (smartphone, tablet, desktop).
- **COTS military-grade biometric management middleware** that connects to multiple biometric databases for real-time matching and identification, accelerates biometrics deployment, enables flexible reuse of equipment investments, and supports incremental swap in/out of new equipment and software over time, according to budget realities.
- **CGI’s Biometrics Innovation Lab** that enables fast migration of agency- specific biometrics solutions from concept to testing to operations, and accelerates infusion of evolving biometric technologies (e.g., multi-spectral fingerprint, 3D face viewer, voice collection) into practical solutions to secure physical locations and IT systems.
- Objective subject matter experts that scan the globe for the right solution based on client requirements.

### ABOUT CGI

With 68,000 professionals operating in 40 countries, CGI fosters local accountability for client success while bringing global delivery capabilities to clients’ front doors. Our focus on Cybersecurity, Big Data and IT Modernization enable clients to leverage current investments while adopting technology and business strategies that achieve top and bottom line results. We realize cost savings, make business more flexible and prepare the IT-environment for the future. And we do that with the dedication and accuracy of a business partner used to working with mission-critical systems and data of its clients.

Do you want to know more about Cybersecurity, please contact your account manager directly or contact us via:

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