

# MAKING LIFE EASIER FOR BANKS

## What does a leading SWIFT Service Bureau do?

Founded in 1994, AEG stands today among the top SWIFT Service Bureaus worldwide and IT solution providers for the financial sector. The AEG Service Bureau is accredited and fully compliant with operational requirements of the “Standard Operation Practice” level as defined in the “SWIFT Shared Infrastructure Program”.

To meet the growing needs of the market, we take on the duty to recreate IT and business solutions through our sophisticated and state-of-the-art products and services that we deliver to a clientele whom we guide to optimally manage their businesses through our offerings.

### Diverse professionals and complete range of solutions

Bringing together certified professionals from numerous disciplines, ranging from support engineers, consultants and system analysts to trainers, designers and project managers, AEG ensures that all areas of expertise needed are accounted for.

AEG provides a complete range of solutions and services that complement SWIFT offerings to cover major industry-business needs: connectivity and hosting, payment and reconciliation, filtering and compliance, integration and secure file transfer, business continuity and disaster recovery, information security and CSCF compliance, among many other cutting-edge products and solutions.

AEG plays a massive role in serving the financial community in its region. Assisting the banking sector for the past 16 years, we believe that the concept of a service bureau, contributing a comprehensive range of offerings and supporting banks with our expertise and cumulative knowledge, is indispensable to our clients. This is because their needs are growing and the industry standards are advancing, especially those related to information security. We take the load off of our clients’ shoulders and cut down their costs in a manner that allows them to

focus on thriving their business and expanding their prospects. In fact, this very purpose that we serve returns with benefit on the financial industry as a whole.

### Proactive approach to information security

We always take the initiative to provide our customers with the best solutions to answer their concerns and address the challenges they are met with. This proactive approach has always been the main driver and guide by which we conduct business. Furthermore, this strategy implies that we ally with specialists and business partners to exchange knowledge and expertise in order to widen the capabilities for both sides. Our partnerships naturally reflect their advantages on our customers, since they are to be served the latest technologies and the best technical support.

During the last few years, information security has surfaced as the world’s priority – and one which requires special attention. Working closely with our clients and understanding their needs, we are able to create tailored solution packages to address the new requirements, especially those related to SWIFT CSP and CSCF. We are continuously working on new security products and solutions that further strengthen our clients’ infrastructure and minimize risks. AEG is offering a complete range of security products and services to cover all risk aspects. In terms of our service offerings, we provide security consultancy, guidance and support, risk assessment and penetration testing.

Risk assessment is a technical consultancy service by which a simulated cyber-attack is performed on an IT Infrastructure to evaluate the implemented security controls and identify misconfiguration, weaknesses and strengths, while penetration testing is targeted to test various attack scenarios via table-top exercise using either ISO 27005 or NIST Risk Assessment framework. These consultancy services allow us to spot weaknesses and

vulnerabilities and then advise the bank on the best practices to minimize their risks and harden their security. Furthermore, we provide a number of products for enhanced security such as monitoring, file integrity protection, secure file transfer and encryption, event management using SIEM software, managed access and dual-factor authentication.

### Software applications and payments solutions

Moreover, our development department has a vast experience in developing specialized highly professional software applications for private and public sectors, especially middleware and integration solutions between diverse systems and payment solutions. Our top-selling inhouse-developed products are AEG CPS and AEG SmartClear.

AEG Corporate Payment System (AEG CPS) is payment solution that enables banks to receive and handle the corporate requests of payments through different channels such as SWIFT, VPN private network or web-application, and on the other hand, allows corporations to initiate payment requests and monitor them. The application is user-friendly, flexible and dynamic, given that it supports ISO 20022 and SWIFT MT messaging standards.

AEG SmartClear provides end-to-end management of the clearing process and can be all customized to match any specific requirements. It is compatible with different environments and very flexible in terms of implementation. The whole clearing workflow can be monitored from within a user-friendly GUI.

### AI and blockchain

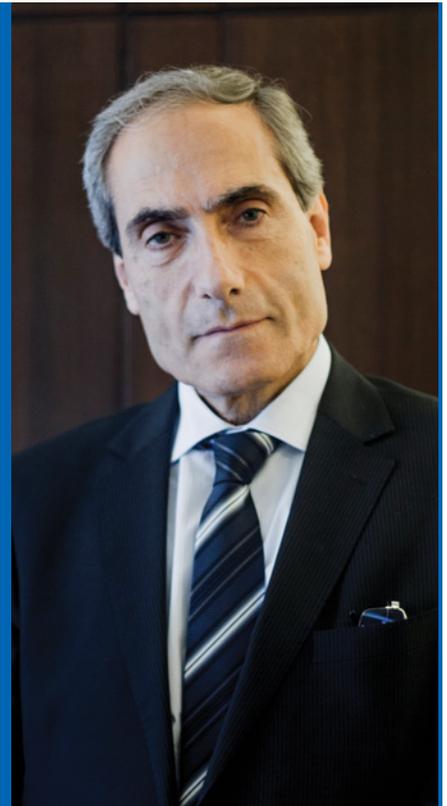
Artificial intelligence (AI) is taking off in a variety of fields like telecoms, automotive, finance and payment systems - to name a few. As we contribute to the financial industry, we are aware of the changes taking

place especially with the rise of blockchain and distributed ledger technologies. With our continuous research and development activity, we seek to leverage these cutting-edge technologies and deliver better products and services to our clients.

In fact, we are soon to release an application that combines these two technologies together, as we are now in the course of developing a smarter gpi-PRO solution through integrating AI in it. AEG gpi-PRO is dedicated to create gpi payments and allows the bank and its client to track their payments in real time. It enables SWIFT gpi by converting corporate payment requests into gpi payments and by encapsulating gpi business logic and SLA requirements in payment transactions. It integrates gpi with the functionalities of the back-office system and helps the banks offer tracking capability to their clients. With AI, the application will have the capability to learn the choices of users, shortest routes, lowest exchange and transaction fees. It will therefore become capable of advising and taking action in a more optimized manner.

#### About Dr. Mohamed Sadek CEO and founder of Allied Engineering Group

Dr. Sadek, PhD in Computer Engineering, has founded AEG in 1994 to serve the financial industry and banks in the field of developing applications and software systems required to enhance their operations and offered services. Launching a certified SWIFT Service Bureau in 2003 with a wide range of offerings, Dr. Sadek was able to take the business to a whole new level providing indispensable services to the banks. Over the years, he was able to establish strong relationships with elite customers in the Middle East and Africa. He helped make AEG one of the leading software providers in the region and is still aspiring to achieve and expand more.



# Allied Engineering Group

More than 600 banks in more than 50 countries through the Middle East and Africa rely on our products and services to meet their growing needs

[www.aeg-mea.com](http://www.aeg-mea.com)

SWIFT Service Bureau | SWIFT GPI handler and Integrator | Corporate Payment System- B2B integration  
Control and Monitoring application | Client and User notification | Message Reporting  
Information Security and CSCF Compliance Solutions | Penetration Testing | Secure and managed File Transfer  
Name Filtering | Accounts reconciliation | Fault Tolerance and Disaster Recovery | data Replication and Backup