YOUR PARTNER FOR THE FUTURE

Company
Profile

ÆG

Allied Engineering Group

مجموعة المهندسين المتحدين

Contents

"

Message from the CEO

Our efforts at AEG have always been driven by the commitment that our clients have entrusted us with. We are dedicated to providing optimal end-to-end solutions as timely, accurate and secure as can be. Moreover, today's hostile environment has raised the bar of challenge regarding security and cyber fraud. We are treating matters of security as top priority, especially with the banking sector, and we are offering our clients all the assistance they need to be protected and compliant.

We aim to retain strong customer relationships and to match the growing demands of the industry through our proactivity, competence, and high quality support.

Dr. Mohamed Sadek
CEO

Overview

AEG is a leading provider of IT solutions serving banks and corporates in the Middle East and Africa.

We offer products and services that facilitate payment and money transfer, reconciliation, system integration, filtering and compliance, business continuity, security, and reporting among many others.

Today, with over 800 clients in more than 60 countries — 460 of which are connected to our SWIFT Service Bureau — AEG holds a strong position as a competent solution provider in the area possessing the advantage of owning the knowledge, the expertise, the proficient team of engineers and the physical infrastructure.

"We offer you the best solutions allied with high quality services"

"At AEG, we take the initiative to serve your needs with the utmost professionalism in order to provide you with the extra edge you need to succeed in a highly competitive business world"

About us

We enable our clients to further advance their performance and expand their capabilities of doing business by leveraging our cutting-edge solutions, backed by our Support and Training services.

We cooperate with our clients in order to evaluate the challenges they are facing and understand their growing needs introduced with the ever evolving world of technology.

We strive to achieve customer satisfaction by being proactive; we inspect problems ahead of us and find early solutions in order to save our clients and surpass possible obstacles. Our continuous research and relentless pursuit of state-of-the-art solutions allow us to serve our clients more optimally and more fully.

"We enable you, we cooperate with you, and we strive for you"

Our History

In 1997, we partnered with SWIFT and became a Regional Business Partner and prime provider of SWIFT products and services in the Middle East and Africa.

Throughout the years, AEG has managed to attain a number of valuable partnerships with leaders in IT and banking solutions.

Early 2000s, AEG introduced its Development Department and started working on its in-house products and solutions.

In 2003, AEG established a SWIFT-compliant Service Bureau which opened the door for banks and corporates to share SWIFTNet services.

"AEG was founded in 1994 as a system solutions provider for the banking sector."

Our Philosophy

Mission
We take on the duty to recreate IT and Business solutions through our sophisticated and state-of-the-art products and services that we choose to deliver to an exclusive range of clientele.

Vision
We aspire to lead the way for financial and non-financial organizations worldwide to a rising caliber of doing business with our indispensable end-to-end solutions.

Values
Integrity: It is said that the sum of all virtues equals integrity.

At AEG, we think of our clients very highly and we believe that each and every one of them deserves the exact same commitment and dedication from our side. The kind of relationship we seek to have with our clients is the one based on mutual trust and respect, and we guard our relations very attentively and solemnly.

Innovation: The only notion we regard as constant is CHANGE. We live by the rule of maintaining a steadfast pace along with the continuous progress of advanced technologies.

Over the past years, AEG has successfully developed and implemented state-of-the-art solutions and services in response to the rising needs and requirements of the financial sector. Moreover, the collaboration with our partners has greatly contributed to satisfying the needs of our customers.

AEG stands today amongst the leaders in its sector and contributes to recreating the future of the financial world.

"We conduct business in the light of three essential values: Integrity, Innovation, and Reliability."

Reliability: Working with the financial sector obligates the necessity of availability, operational excellence and fast response time. Our clients trust us to keep them connected and operational at all times. We take this task very seriously and we put all our efforts in the quest of sustaining our reliability.

Culture

Investing in Human Resources: At AEG, we believe in investing in our people; i.e., building their skills, expanding their knowledge, widening their experience, and supporting their continuous accreditation and certification. We strive to retain a motivated and empowered team in order to serve our purpose and succeed in fulfilling our mission. This allows us to further excel in our field and helps us stay aligned with our values.

Loyalty: Our relationship with our teams is deeply rooted in the value of mutual loyalty. This builds a more coherent environment at work which is reflected in high performance and devotion to work.

Our Presence

We serve the Middle East and Africa from our head office in Beirut-Lebanon and our branches across the region located in Egypt, Bahrain, Cyprus, Iraq, Algeria, UAE and KSA. Moreover, we have two operating DR sites to secure successful failovers and high availability.

Our Staff

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 you could possibly need to realize your projects and business goals are accounted for.

Our Partners

AEG has managed to build strong business alliances and partnerships with a number of market leaders over the years. We consider these partnerships one of our strengths and advantages over our rivals in the market. Our strategic alliances allow us to further serve our clients and to spread geographically and widen our market.

"We invest in our people and share a common understanding of mutual loyalty"

"10 branches and 2 DR sites for optimal service and high availability"

SWIFT is the Society for Worldwide Interbank Financial Telecommunication, a member-owned cooperative through which the financial world conducts its business operations with speed, certainty and confidence.

IBM is a leading provider of application integration solutions that deliver access to data, applications and information regardless of platform, device or data formats—across both on-premises and cloud environments.

Accuity Fircosoft is the unrivaled market leader for watch list filtering lauded by regulators, analysts and financial institutions around the world.

Bottomline Technologies is a market-leading financial messaging solutions company.

By integrating around-the-clock monitoring services with resilient technologies, Stratus delivers "uptime assurance".

Gemalto is a leader in solutions that help protect and control access to sensitive data, manage risk, ensure compliance, and secure virtual and cloud environments.

SONEMA is a leading Telecom services integrator and operator since 1985.

Arcserve Unified Data Protection is a single, scalable, comprehensive solution that eliminates the need for complex layers of backup and disaster recovery point solutions.

Citrix provides the most comprehensive secure digital workspace that unifies the apps, data and services people need to be productive.

2X provides centralization and virtualization solutions.

Cisco is a leader in IT and networking and our main network appliances provider.

Kaspersky is one of the world's fastest-growing cybersecurity companies and the largest one that is privately-owned.

Our Solutions

AEG provides a wide range of comprehensive state-of-the-art solutions driven by the needs of our clients and led by the ongoing change in the IT world.

SWIFT Service Bureau
SB System Connectivity

AEG-SB System Connectivity is offered for clients who have their own messaging interfaces, SWIFT Alliance Access, Alliance Entry or third party interface and desire to outsource their SWIFT connectivity. AEG provides an isolated and secure connectivity that guarantees maximum integrity and confidentiality of data being transferred.

Fully-Managed Service

AEG-SB Fully-Managed Service is offered for clients who do not want to bear the cost and responsibility of installing and maintaining SWIFT infrastructure and rather prefer to utilize the facility offered by a service bureau. AEG allows its client to connect to SWIFT using only a client/web interface application connected to its AEG's SWIFT infrastructure.

Smart-Connect

Smart-Connect provides point-to-point VPN connectivity for one or more sites (bank branches) via satellite links by SONEMA, one of the leading V-SAT offering companies. It allows each site to be connected directly – without having intermediary third-party providers – to AEG Service Bureau in a fast, secure and cost-effective way. AEG Smart-Connect is designed to satisfy all customers' business needs in terms of security, availability and flexibility.

Payment and Reconciliation
Corporate Payment System

AEG CPS is a web-based corporate-oriented payment solution, designed according to the needs of the corporate-to-bank business. It can adopt multiple corporates (clients) and can perform services for multiple institutions (multiple affiliates forming a group centralized in one system) as well.

AEG CPS supports different delivery Channel Interface systems (SWIFT, ACH, RTGS, …). These interface systems are part of a delivery channel, via which transactions are delivered for processing to other banks (shall the transaction beneficiary account be at other banks).

The corporate-bank connectivity can be achieved via SWIFT (MA-CUG or SCORE) Closed User Group connectivity or through public or private network.

Bottom Line GTMatch system

GT-Match from Bottomline Technologies is an enterprise-wide reconciliation and exception management product that supports reconciliation for all business lines and market instruments including

"One of the largest SBs worldwide based on number of clients and SWIFT traffic"

cash, general ledger, nostro, securities transactions, custodian holdings, funds, foreign exchange, money market, and precious metals. Its flexibility and generic capabilities provide a high automatic matching rate for any internal or external data sources. GT-Match is a proven solution to reduce operational risks while increasing STP rates.

Bottom Line GTMatch Corporate

GTMatch Corporate from Bottomline Technologies, focusing on corporate requirements, delivers leading-edge reconciliation and exception management, enabling organizations to automate the matching of outbound invoices and inbound payments, while improving operational efficiency dramatically.

System Integration
MidSys1

AEG Mid-Sys1 application, designed to connect back-office applications to SWIFT interfaces, supports batch mode processing and is based on TCP/IP communication protocol. It reads back-office files that can be supplied in simple text format, Excel sheets or database tables, checks contained messages, converts them into SWIFT compliant MT format and finally inserts them into the SWIFT database system.

MidSys2

AEG MidSys2 is an enhanced version of MidSys1, it integrates the back-office applications with SWIFT interface system using webservices or MQ series and it offers 2-way conversion of MT and MX message formats, sanctions checking, integration with back-office financial processes, cut-off management and local authentication and checking.

Smart-Clear

AEG Smart-Clear is a comprehensive solution that allows the bank to manage the clearing process end-to-end in an easy, secure and optimized way. It can be easily customized to handle different RTGS and ACH flows and message formats. Moreover, besides to full integration capability with back-office applications, it provides interfaces for manual creation and management of the messages and flows. It supports different payment flows such as Credit transfer, direct debit, cheques clearing, etc… and it features advanced workflow, cut-off time handling, dashboard, encryption, authentication and secure data flows.

IBM Sterling B2B

IBM Sterling B2B Integrator provides a single flexible B2B tool that enables companies to solve all of their B2B integration needs.

IBM Sterling File Gateway

IBM Sterling File Gateway consolidates disparate centers of file transfer activity, and facilitates the secure exchange of file-based data over the internet.

IBM Sterling Connect:Direct

Connect:Direct is the point-to-point file transfer software optimized for high-volume, secure, assured delivery of files within and among enterprises.

Compliance

Firco Filtering Suite

Firco Filtering Suite products are state-of-the-art name filtering solutions that can achieve ultra-low false positive hit rates (less than 1%) while tolerating misspellings, typos, alternate spellings, abbreviations, truncated words, acronyms, initials and multilingual text.

US Transactions monitoring

AEG US-Transactions Identification Tool is an application designed for SWIFT Alliance system to scan the sent and received SWIFT messages to track transactions made to and from individuals and institutions in the USA.

FATCA reporting

AEG FATCA Reporting is a tool that creates an XML FATCA report with the required validation, digital signature, encryption, and compression. It prepares the report for uploading on the US IRS portal by the bank and it meets the IRS deadline window.

Sanction List Automation

The AEG List Automation module is an application capable of automating the download process of the bank's preferred Sanction Lists (such as FircoSoft, AEG, World Check, World Compliance, Dow Jones, …) and make them ready to be used by the FircoSoft Filtering Suite.

MFA Application

The AEG MFA is an ADK plug-in application into the SWIFT Alliance Access system. The MFA is used to integrate the Alliance Access with an external messages filtering application using webservices. The MFA connects to the filtering application, passes the messages to it and monitors the results of the checking and the decision about the encountered hits.

Business Continuity

Smart FT

Smart FT provides full fault tolerance to multi-processor mission-critical systems that require 100% uptime. The solution combines the physical resources of two standard Windows servers into one single virtual operating environment with complete redundancy of all underlying hardware and data storages, which guarantees running applications in the event of component or system failures.

Smart DR

Smart DR is the perfect utility to replicate data off-site for disaster recovery, or copy data from remote offices to a secure centralized location.

Smart Monitor

Smart Monitor offers proactive, end-to-end IT performance monitoring for Citrix & VMware to ensure a positive end-user experience. It provides complete support for monitoring virtual server, virtual desktop and hybrid cloud environments, and provides specialized modules for certain EMR/EHR applications and NVIDIA GRID vGPU.

Smart Backup

Smart Backup is a comprehensive solution to protect complex IT environments. The solution protects your data residing in various types of nodes such as Windows, Linux, and virtual machines on VMware ESX servers or Microsoft Hyper-V servers.

Security

Security Assessment

Security Assessment is performed as per SWIFT's Customer Security Control Framework. The outcome is a report including risks found and corresponding recommendations.

Dual Factor Authentication

AEG DFA solution allows operators to authenticate to the SWIFT Interface or critical applications using Dual Factor Authentication concept. The dynamic password can be generated and displayed on the user's mobile phone or on a hardware token.

LAU application

AEG LAU application is a tool to calculate the Local Authentication Unit (LAU) for a message to authenticate it with the SWIFT interface. It can be called by the back-office applications to calculate and insert the LAU into the SWIFT message trailer or to check the correctness of received LAU codes.

Messages Reporting and Notification

Trans-Rep

AEG Trans-Rep is a powerful message reporting tool specifically designed for SWIFT Alliance system to enhance its functionality by generating sophisticated statistical reports. The application comprises a number of commonly needed report templates ready to be generated. In addition, the application offers the capability to dynamically create ad-hoc reports to satisfy the manager's requests, and it features a powerful archiving and searching capabilities.

Message Duplicate Detection

AEG Message Duplicate Detection (DDA) application is designed for SWIFT Alliance systems to detect incoming and outgoing duplicate messages allowing users to take the necessary decision. It detects fully and partially duplicate messages based on system administrator's defined fields.

AEG Notify

AEG Notify is an SMS and e-mail notification application consisting of:

- Notification module for customers; defined customers receive a copy of sent or received messages related to them via SMS or email.

- Notification for operators; the system operator or a specific system user receives messages about occurred events and errors in the system

- Notification for branches: sent and received messages related to a bank's branch or department are transferred to it by e-mail.

> **"We are offering our clients all the assistance they need to be protected and compliant"**

Ackview

AEG Ack-View application is designed to split incoming and outgoing message files into files with single message and to enable PDF printing of the SWIFT messages.

File Header Generator

The AEG File Header Generator Tool creates header files for payload files created by the bank's Back Office Application to enable them for SWIFT FileAct upload.

IBAN Validation

The AEG IBAN Validation application is designed to check the validity of the IBAN account number and retrieve information about SEPA banks.

Professional Services

Support

AEG Support is a 24-hour service, 7 days a week, 365 days a year. We have our elite engineers on-call and ready to help in any enquiry via phone, email, or on site whenever and wherever needed.

Consulting

AEG has been providing consulting services for banks and financial institutions ever since it was founded in the 1990s. Over the years, AEG has developed a deep experience in the financial field and gained a wide reputation as a knowledgeable and trusted expert.

As a consultant, we study the business needs of the client, understand the challenges and problems they are facing by undertaking gap analysis, risk analysis, security assessment, etc. Eventually, we prescribe the technical requirements and solutions based on our findings. Then, we go further through intervention and implementation of the needed solutions and providing all the necessary support.

Training

We consider training a key element during the implementation process of our solutions. AEG offers a number of administrative and technical training courses. Training sessions are given by certified trainers and professionals, while trainees are granted a certificate of the corresponding course by AEG.

"As your partner for the future, we make sure to provide quality support for a successful business"