

For the past decade Swiss Aviation Software has been setting the standard in MRO software with its industry-leading maintenance and engineering system AMOS. A reason for this continued success is that Swiss-AS carefully evaluates alleged trends rather than following the latest 'hypes'. As a forerunner in the areas of functionality and technology, the software specialist clearly focuses on longevity and not on 'quick wins'. As a consequence, AMOS has shaped up as a mature and future-proof system that not only bears comparison with its competitors, but reigns supreme.

AMOS - fluently speaking the language of MRO



A TRACK RECORD IN MRO SOFTWARE

Looking back at almost 20 years of IT/MRO know-how, Swiss AviationSoftware (Swiss-AS) has become a fixture in the MRO software market and the industry-leading maintenance management system in Europe and beyond. Since the late eighties the fully-integrated maintenance and engineering system AMOS has been setting the standards in a highly-specialized market segment and has attracted more than 70 customers from all over the world. Its solid customer base ranges from pure operators of all sizes, major low-cost, regional and flag carriers to large airline groups and MRO providers.

TIGHT LINKAGE TO MRO BUSINESS

Having emerged from the IT department of Swiss International Air Lines (formerly Crossair), and being a wholly-owned, yet independent, subsidiary since 2004, Swiss-AS has positioned itself not as a pure software house, but as a company tightly linked to airline business.

Located next door to airline maintenance facilities at Basel airport, MRO trends are captured at an early stage and carefully investigated. The amount of time invested in research and development assures the competitive edge that puts Swiss-AS one step ahead of its competitors.

From the outset of AMOS, Swiss-AS has been fully concentrating on its core business to

constantly enhance functionalities and maintain a technological advantage by means of a stable and long-lasting software product.

FUNCTIONAL HIGHLIGHTS

The focus on the continuous further development has proved extremely worthwhile. The scope of AMOS business functions available today is second to none, and the high degree of integration that AMOS offers its users is unsurpassed.

The functional breadth as well as depth is a key element of AMOS and under no circumstances are concessions made that do not serve the long-term strategic alignment of the system.

The focus of the current development is a sophisticated shift- and capacity/resource planning module, which is fully-integrated in the context of the AMOS planning module.

Other prominent design features are a brand-new management reporting tool with numerous Key-Performance-Indicators (KPIs), and an elaborate and complex graphical Downtime Designer for the complete monitoring of a maintenance event.

The KPI-Analyzer can be used to quantify the performance of the organisation, taking into consideration the increasing need for financial transparency and traceability across departmental boundaries.

To keep pace with the latest development, an

in-built report designer will be released shortly that is designed to supersede any standard reporting tool. Furthermore, a fully integrated e-signing solution will be made available that allows the generating of electronically-signed documents in PDF/Archive format according ISO 19005-1:2005 standard.

Besides developing new functions, a lot of care is devoted to the fine-tuning of existing functionalities on a supreme level.

AT THE FOREFRONT OF TECHNOLOGY

In addition to functional enhancements, state-of-the-art technology is the key to success of AMOS. The multi-tier, fully web-enabled AMOS version, written in pure JAVA is future-proof and stands for technological innovation.

Client-server applications like AMOS have long overcome predominant prejudices in comparison to web-based applications. One of the biggest, unanimously agreed benefits of AMOS is that the users profit from a windows-type graphical user interface (GUI) being guarantee for user efficiency, productivity and complex user interaction.

By means of the latest "Smart-Client" technology Swiss-AS takes that one step further. In its next generation, AMOS will combine innovative deployment possibilities of Java Web Start with the advantages of zero foot print, system accessibility from anywhere with the undisputed advantage of a rich-client GUI.

A WEALTH OF EXPERIENCE THANKS TO A STABLE TEAM AND AN EFFICIENT CUSTOMER NETWORK

The substantial know-how pool which is reflected in the product is clearly attributed to the team of Swiss AviationSoftware. In every respect marked by the characteristics that are traditionally recognised as typically Swiss, the highest standards of quality, precision, safety and reliability are applied. The team of Swiss-AS experts knows the needs of operators and MRO providers by heart and speaks the language of the business.

For steering the complexity of the MRO business the high degree of identification of its personnel with the company is a definite advantage. Swiss-AS is proud of the team spirit and the extremely low employee turnover, which is a guarantee for stability and continuity. A fact that pays off as the company enjoys an excellent reputation amongst its extremely loyal clientele.

A valuable external network and comprehensive knowledge database was further established through close collaboration with the AMOS customer community that actively contributes to the continuous development of the product.

AMOS AS A LONG-TERM INVESTMENT

Given that the life-cycle of MRO software such as AMOS is about 15 years, potential

customers tend to select their future MRO system more carefully today. Long evaluation processes are the rule and generally work in favour of AMOS - a system that reigns supreme amongst its competitors.

Especially in times of a global financial crisis, Swiss-AS is very likely to stand its ground. Due to the fact that airlines are forced to reduce their costs in the face of economic downturn, it is more important than ever that necessary investments are made in the most cost-efficient manner and generate a fast return on investment. And this is where a state-of-the-art MRO system like AMOS perfectly fits into the picture.

NOT EVERY TREND IS ACTUALLY A TREND

In the past so-called MRO trends have come and gone, some substantiated and others disappeared as quickly as they came up.

A "real" MRO trend that could be observed during the last few years is a reverse tendency of airlines that latterly perform maintenance activities in-house rather than outsourcing them to MRO providers, with the clear objective of gaining more control and flexibility.

By contrast, a good example of a trend that could not live up to its promise is the topic of RFID, although it is not long since this seemed

like the latest hype in the industry. Today, however, it is noticeable that there is less demand for the functionality and that much fewer customers make use of this feature to the extent that was originally expected. The same applies to "Barcode everywhere", although AMOS fully provides for the respective connections.

Without losing sight of the overall usability of the system, Swiss-AS analyzes these alleged trends and weighs the pros and cons thoroughly prior to implementing some of them into AMOS. With its policy to focus on persistent, long-term developments rather than "quick wins", the company has been on the right track.

True to the motto "Don't just go with the flow", Swiss-AS evaluates what is realizable without having to cut back on its competitive edge. On no account will Swiss-AS blindly follow make-believe "hypes", which often turn out to be overrated. Instead, the clear goal is to set own trends that will be incorporated and enhance the product "AMOS". The outcome is a mature and proven maintenance management system that is truly "state-of-the-art".

With the foundations Swiss-AS has laid as a forerunner in the areas of functionality and technology, there is no question that AMOS will continue to set the standards for an industry-leading MRO solution.

MAINTENANCE POWERED BY AMOS

—
THE STATE-OF-THE-ART MAINTENANCE
& ENGINEERING SOFTWARE

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