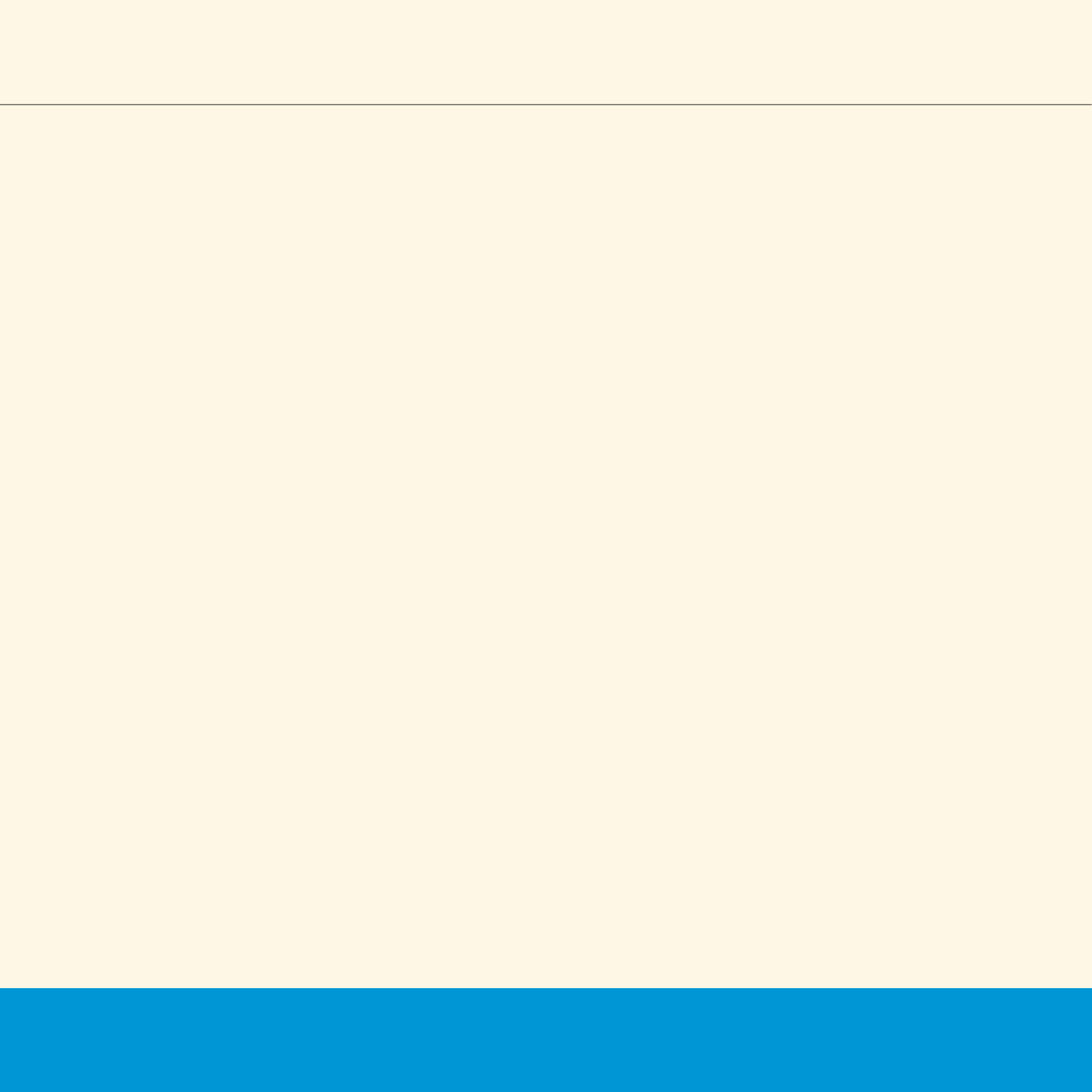




WX

WX

Market Leaders in Air Navigation Flight Procedures



WX Systems

Market Leaders in Air Navigation Flight Procedures

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preface

WX SYSTEMS

As pioneers in the field of producing a suite of software solutions for instrument flight procedure design, WX Systems software is used to design ICAO and FAA-based flight procedures worldwide.

This methodology has become a standard to ensure improvements in air navigation safety, economy, and efficiency worldwide.

Our tools remain the only software suite to have undergone testing ordered by the International Civil Aviation Organisation, and are now in use in more than 100 locations across the planet, assisting civil and military aviation organizations in their daily work, and ensuring passenger safety in the air and on the ground.

WX Systems Authorised Training® Course Instructors now provide a complete syllabus of aeronautical and geodetic training courses from our base in Switzerland.

Through the WX Systems Total Maintenance Program®, our company has annual technical contracts with govern-

ments in Europe, North and South America, Africa, Asia, and Australasia, where we provide full support throughout the year.

WX Systems are world leader in aeronautical flight procedure design services.

WX SYSTEMS

Market Leaders in Air Navigation Flight Procedures

I. Introduction

WX Systems provides specialised software, training and consultancy services to air navigation service providers and civil/military organisations in the field of air navigation services and aircraft/airport operations.

WX Systems' award-winning software is used in more than one hundred locations worldwide as the standard tool for quick, efficient, and cost-saving design of the International Civil Aviation Organisation's recommendations for implementing Procedures for Air Navigation Services and Aircraft Operations (ICAO Document 8168 PANS OPS); Aerodrome Design and Operations under ICAO Annex 14; United States Standards for Terminal Instrument Procedures under Federal Aviation Administration Order 8260.3B; and Airport Incident Report Handling.

Continuous development ensures that WX Systems' will continue to be the market leader in the provision of software, training, and consulting services

for instrument flight procedure design and aeronautical geodesy.

II. WX Systems Software Products

Since 1994, WX Systems manufactures and sells software applications that can be of use to experts in the field of air navigation and airport/airspace design, database manipulation, cartography, and incident report handling.

These products are:

| PRODUCT | MAIN FUNCTION |
|-------------------------|---|
| WX1™ Series of Software | ICAO-based Procedure Design Suite |
| WXTERPS® | FAA-based Procedure Design Suite |
| WASP™ | ICAO-based Aerodrome Safeguarding |
| WX ReportHandler™ | Airport Incident Report Handling System |

III. Software Updates

All WX Systems' Software is constantly updated via the dedicated client web-site which is available to maintenance-paying customers.

WX Systems' policy is to incorporate and include all chapters contained within the relevant ICAO and FAA documents, as and when these arise.

Due to the growing sophistication of the programs it is important to use the latest platforms, therefore WX Systems Software will only run on AutoCAD Version 2000 and above, and Windows 98 Release 2 and above. For superior performance, we strongly recommend AutoCAD 2002/MAP5 in conjunction with Windows 2000 XP/Professional.

IV. Industry Recognition

The software that WX Systems provides remains one of the few commercially available packages that has undergone both independent ICAO and

Eurocontrol testing in a laboratory environment. Additionally, the software has been awarded the following prizes by international juries:

Aerospace Industry Awards – Finalist Prize

Air Traffic Management Awards – First Prize Winner

V. Governmental Motives for Using WX Systems

Time Saving

With the constant increase in air traffic and resulting airspace congestion, and associated construction within the terminal areas, air navigation service providers and airport operators are under pressure to optimise working conditions and improve internal efficiency.

Working in a manual environment, the time spent designing and checking air navigation procedures is both laborious and slow. Substantial time-saving can be achieved by utilising the inherent benefits of the Personal Computer (PC) and related software.

Safety Issues

All of the areas where WX Systems' software tools are used can be defined as being "safety-critical". The obligation of the air navigation service provider/airport operator is to ensure that employees have the best possible tools to ensure that international laws and criteria are followed, in particular when these are at the recommendation of the International Civil Aviation Organisation (ICAO) or the Federal Aviation Administration.

Quality Assurance and Internal Auditing

International Organisations such as ICAO and Eurocontrol are commencing strategic plans to ensure that Civil Aviation Authorities comply with minimum's in internal management auditing and quality assurance. Software tools can help enormously in this field, as one of the prime functions of software is to record data, and advise how it can be manipulated. A powerful example of this is a graphical database which can be constantly developed, and used in safety assessment and safety regulation work.

Creating Simulations and "What-if" Scenarios

Although WX Systems tools are used primarily as operational tools, they have many advantages in the field of simulation, particularly when examining areas of a safety-critical nature, such as developing new infrastructure and the possible effects this will have on operations and airspace.

Database & Cartographic Synergy

One of the major advantages of the WX1™ Series and WXTERPS® tools is the open nature of the operating systems, which enable a common graphical database to be built, from most existing databases that you may already have. Furthermore, an additional advantage of the system is the synergy that is created between the flight-safety department and the cartographic departments, which can result in substantial time and cost savings. The WXGEO™ tool provides a Geographic Information System cartographical database software as a stand-alone product that can interact with other WX Systems products.

VI. Software Retail Prices

Pricing Policy

Prices for software licenses are based on one individual user per system, and must be purchased with appropriate maintenance and training. These prices are indivisible. In certain cases, based on confirmed purchase orders, WX Systems can accommodate certain payment plans to suit your organisational budgetary constraints.

| PRODUCT | PRICE IN EUROS |
|-------------------------|----------------|
| WX1™ Series of Software | 180,000.00 |
| WXTERPS® | 75,000.00 |
| WASP™ | 50,000.00 |
| WX ReportHandler™ | 100,000.00 |

Network and Multiple License pricing information is available upon request.

VII. WX Systems Training

Training

WX Systems has operated an independent Training Division since 1996, that supplies standardised certificate courses in various aspects aeronautical, geodetic, and software usage at its Training Center in Switzerland.

Currently WX Systems provides the following Courses:

| TITLE | REFERENCE |
|----------------------------|-----------|
| <i>Aeronautical</i> | |
| PANS OPS Basic | PANS1 |
| PANS OPS Master Class | PANS2 |
| PANS OPS RNAV Master Class | PANS3 |
| PANS OPS ILS Master Class | PANS4 |
| PANS OPS Amendment 12 | PANS5 |
| PANS OPS for Regulators | PANS6 |
| PANS OPS Instruction Class | PANS7 |
| PANS OPS Safety Management | PANS8 |

| TITLE | REFERENCE |
|-----------------------------|-----------|
| <i>Software Related</i> | |
| WX1 Basic | WX1-1 |
| WX1 Advanced | WX1-2 |
| WX1 Software Validation | WXSX |
| WX1 Maintenance & Operation | WXMO |
| WX TERPS Basic | WXTERPS |

WX Systems Authorised® Course Instructors usually have many years experience in their field, frequently having held government positions themselves, and are well equipped to provide superior instruction to aeronautical, airport, and geodetic executives.

VIII. Technical & Maintenance Support

Through the WX Total Maintenance Program (WTMP®) we provide a series of support services throughout the working week. These are provided through dedicated direct dial telephone lines, and email online support, so clients never have any difficulty in reaching us. Technical support and maintenance are now available “on-line” via the www.wx-support.ch website, which is only accessible to registered paying maintenance clients.

At WX Systems, we recognise the value of permanent maintenance for our customers, at a fixed annual price, which can be easily budgeted. The WX Total Maintenance Program (WTMP®) ensures that our users are always the first to receive the latest version of the software, which incorporates any changes implemented by ICAO over the year. Clients can download the latest versions of the tool via the www.wx-support.ch website.

IX. Conditions & Delivery Times

Delivery Time & Installation

All Software is delivered within 30 days of payment. All Software is delivered with User Manuals, and can be installed by the customer alone. Installation takes about five minutes.

Conditions

All Software is delivered with a Software License and Maintenance Agreement, which outline the rules and regulations of the software's use. WX Systems cannot accept payment by bank guarantee, performance bond, or any other financial instrument other than direct payment in the nominated currency for the software. The Software License Agreement is the contract between WX Systems, and each individual user.

Operationally Used Software

WX Systems software is used by our customers on a daily basis for all aspects of PANS OPS procedures design, and many other areas of airport and airspace design, cartography, database

manipulation, and incident report handling. The fact that these organisations have acquired either WX Systems software or the WX1™ Series, WASP™, WXTERPS®, or WXReportHandler™, in no way represents an endorsement from them, although we are proud that our customers often have multiple licenses, and return to us year after year to receive upgrades and annual training.

Published Procedures

Using WX Systems, our CAA and Airport customers have designed and checked procedures which are published by the government-approved agency, and flown daily, worldwide for over ten years.

X. Conclusion

We do hope that this document will assist you in your own internal management decision making. WX Systems is dedicated to improving safety, efficiency and economy for air navigation service providers and airport operators worldwide. We believe that our dedication to the air navigation sector is recognised, primarily because we focus on this area of expertise alone.

We do not make software for any purpose outside of air navigation, and our frequent Seminar's and meetings are a focal point for professionals within the industry. Furthermore, we think that our customers appreciate the fact that we employ recognised experts from the air navigation and airport field.

Our award-winning software, having gone through rigorous independent testing, is used operationally by air navigation service providers worldwide as the standard tool for improving safety, economy, and efficiency in air navigation procedures, air-

port safety assessment, geodetic data manipulation, airport report handling, and airspace design.

Based on a standard PC platform, WX Systems tools require no expensive hardware configurations. The software can be easily installed and learnt by anyone familiar with the Microsoft Windows environment, and allows the user to benefit from existing data.

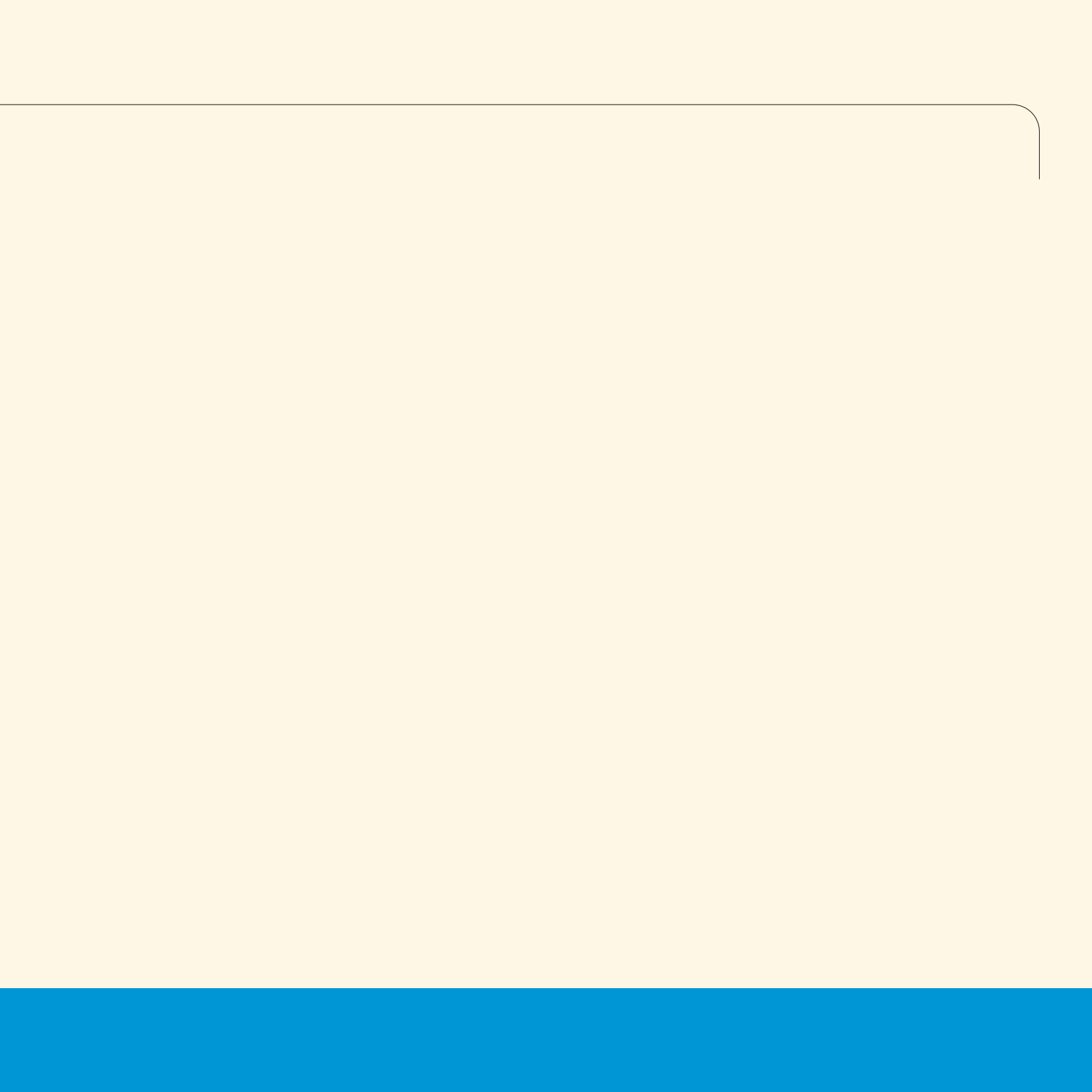
Our proven training, and maintenance services are recognised as well established tools which can assist organisations in obtaining the maximum benefits from the use of modern software, and consequently from their own staff.

XI. The Board

| | |
|---------------------|---|
| Richard G. Reynolds | Chairman, Executive Board |
| Patrick M. Aisher | Founder, Director, Supervisory Board |
| Julian M. E. Lee | Director, Supervisory Board |
| George M. Yannaghas | Director, Supervisory Board |

XII. The Team

| | |
|-----------------------|---|
| Nils Lundstrom | Chief Operating Officer & Technical Director |
| Iben Andsager | Client Services Manager |
| Andrew Blaney | Webmaster |
| Ed Davies | Aeronautical Software Development |
| Amir El Ghamrawy | Aeronautical Software Development |
| Guy Facey | Legal Counsel |
| Lars Finken | Aeronautical Software Instructor |
| Andrea Gehrig | Client Services |
| Eduard Lukshandl | Airport Software Maintenance |
| Raymond Pearce | Aeronautical Software Instructor |
| Nina-Corinna Premezzi | Client Services |
| Samuel Stucki | Aeronautical Sales Director |
| Chris Sudlow | Auditor |
| Ferenc Weiczner | Airport Software Development |



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