



FIRE PROTECTION CONSULTANTS

Amsterdam
Airport Schiphol



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INDUSTRY: Transport
SERVICE: Umbrella Contract
LOCATION: The Netherlands
PERIOD: May 1998 – ongoing
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Amsterdam Airport Schiphol (AAS) is Europe's fifth largest airport in terms of passenger numbers, fifth in air transport movements, and the third largest in terms of cargo volume. Due to its extensive network of transport links, Amsterdam Airport Schiphol is regarded as one of the four 'hubs' or main ports of Europe.

PROJECT GOAL AND SCOPE

- Development of Fire Safety Masterplan for upgrading of entire Airport Terminal Building.
- Verify compliance with local regulations ('Bouwbesluit').
- Review of design drawing from architects and engineering contractors.
- Development of Emergency Response Scenario's and Plans.
- Conduct fire and evacuation simulations through expert software modelling.
- Training of First Intervention Team (BHV).

All of the above services are rendered within the framework of an umbrella contract.

BUSINESS NEEDS

- A trusted and independent fire safety advisor to guide AAS through a multi-billion euro upgrading project for fire safety was needed.
- Local and international multidisciplinary (consulting – engineering – fire safety systems - emergency management) fire safety expertise in the airport transportation sector was required.

BUSINESS BENEFITS

- AAS have developed itself the past 10-years from a very consumer oriented airport, but with a relatively low focus on life and fire safety, to one of the best protected airports in the world.
- Initial (massive) budgets allocated for this upgrading programme have been spend in a very cost-effective way.