# Financial Information Systems,

Dealers in the foreign exchange, securities, commodities and similar markets require to be instantly in touch with the state of trading, with their own current positions and with world events. Moreover, they depend on fast communications to react to opportunities.

Modern technology offers a variety of means of satisfying these individual needs.

EASAMS, a systems company independent of manufacturing interests, is able to offer integrated solutions which meet all needs of dealers and which are tailored to suit particular applications.

## **Requirements for Financial Market Dealing**

- Instant telephone access to principals, other dealers and counter-parties
- Reliable means of exchanging confirmation of deals
- Fast and accurate recording of transactions with means of instantly recalculating changes in one's current trading position
- Rapid access to a store of information relevant to one's trading activity, coupled with clear presentation of the information in a format which meets one's immediate need
- Means for making a rapid assessment of market trends and movements, preferably with an alerting function to draw attention to unusual situations
- Workstations designed to minimise fatigue in the exacting environment of hectic trading.

### **EASAMS** Capability

EASAMS' current work, providing dealer room systems, complements existing extensive experience in the design and implementation of command, control and communication systems for military use and for the Police and Fire Services. These systems have much in common with those required by dealers in the financial and commodities markets.

Rapid access to communications is vital to all these activities as is the management of information. Particular areas in which EASAMS can provide capability based on practical experience include:

- Analysis of clients' special needs and development of related system requirements
- Design of internal and external communication systems
- Provision of a tailored information input and reporting software based on EASAMS' Dealer Assistance Software (DAS)
- Integration of secure speech and secure data facilities into users' communication systems
- Analysis of reliability and maintainability
- Ergonomic design of workstations and dealing rooms
- Resolution of interfacing problems with commonuser systems (e.g. Reuter's and Telerate)
- Production of suitable operational and maintenance documentation
- Design and provision of training and simulation facilities.



EASAMS provides solutions to a wide variety of problems that confront Governments and Industry in both the civil and defence fields, in an impartial and objective manner. Established in 1962, the Company successfully pioneered systems engineering and management concepts on defence projects. It now applies its experience and the same basic skills in a world wide operation involving over 500 highly qualified staff covering a broad range of technologies, with the ability to take a comprehensive view of the total problem.

# The Company has achieved repeated successes in a large number of fields, including:

- Aerospace
- Defence
- Maritime operations
- Offshore oil and gas
- Energy systems
- Command and control, information and communication systems

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# **EASAMS' Major Activities:**

- Analysing current situations and future requirements, and recommending the course of action.
- Assessing the feasibility of concepts and formulating the programmes, organisation and system best suited for their realisation.
- Examining capability and costs of existing and possible future systems, using computer simulation and modelling techniques where necessary.
- Undertaking the design, engineering, development, testing, procurement and commissioning of systems and providing documentation and training in their use.

- Applying human factors engineering to manmachine systems at all stages from concept through design and development to operation and training.
- Providing project engineering and management teams or services according to customer requirements.

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