



INTRODUCTION

ISIRAN that stands for Information Systems IRAN is an information technology (IT) base company founded in 1971. This company is subsidiary of Iran Electronic Industries (IEI Co.). ISIRAN consists of four different fields of information technology affair, namely:

- Software engineering
- Hardware engineering
- Cyber space security
- English language and information technology training

SPECIFICATIONS

ISIRAN Co. is one of the Greatest IT Company in IRAN and its main mission is fulfilment of all IT demands of military and non-military customers.

ISIRAN is located in 5 separated buildings in Iran-Tehran and consists of more than 1000 IT experts, different branches and is capable to provide IT services to meet exact order of the customers. In following pages, the capability and production features of this company are introduced.

System Architecture (SA) (C4I)

DEFINITION OF ARCHITECTURE

The fundamental organization of a system is embodied in its components, their relationships to each other and the environment, and the principles governing its design and evolution.

SA RESPONSE TO CHALLENGES BY

- Identifying stakeholders needs
- Describing high level design of systems and subsystems (a holistic view to system)
- Defining a plan (time & budget) to describe how successfully systems are developing through projects

Architectural Description

Architectural description is categorized by the company's perspectives. Common perspectives in several SA framework is depicted below. Each layer embodies some architectural descriptions of system. It is noticeable that these layers are related and operable to each other to promise an integrated system that meet the stakeholder needs of each perspective.

