Unified IT Solutions for Corporate organisation

mb2i

**NDARA**
Consulting & Engeneering

May 2007

Introduction

Challenges of Corporate organisation today

- Communicate in real time

- Make sure communications are always secured and operational

- Centralise and homogenise ressources

- Control costs

- Find the right technical solutions & partners

AGENDA

Company Profile

Unified IT Solutions

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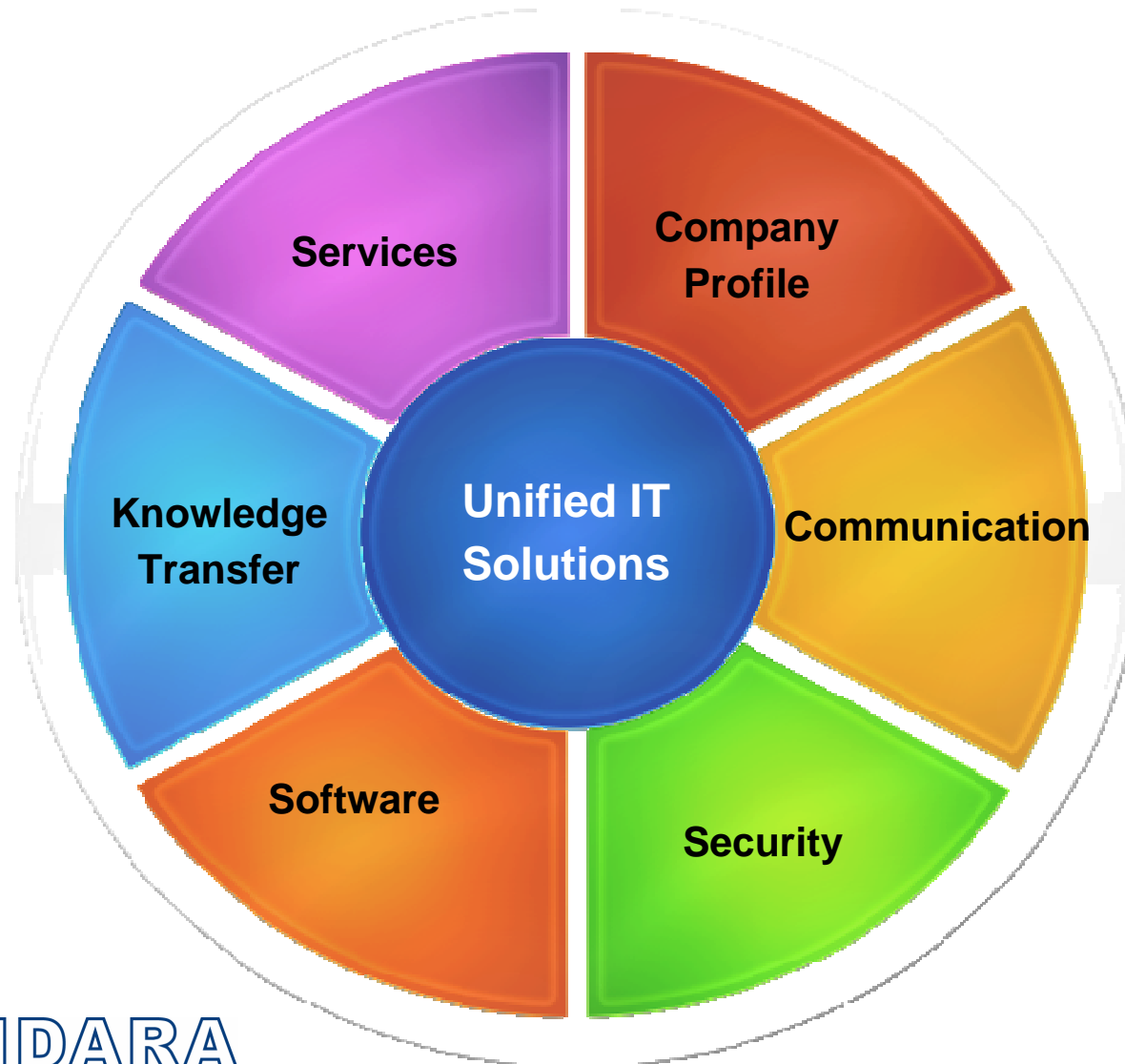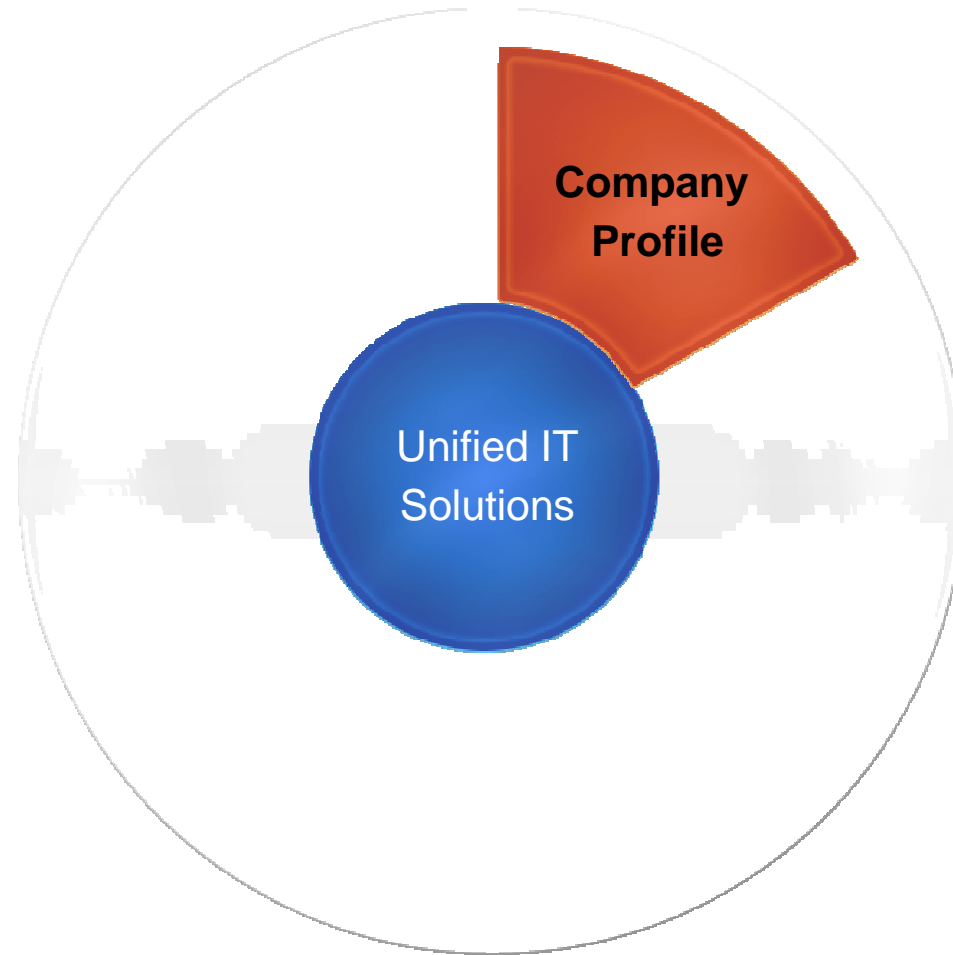
Company Profile

- French companies (HQ based in Annecy & Paris)
- Small & Dynamic company
- Focus on Corporate Turnkey projects
- Global I.T Infrastructure
- Independent Vendor
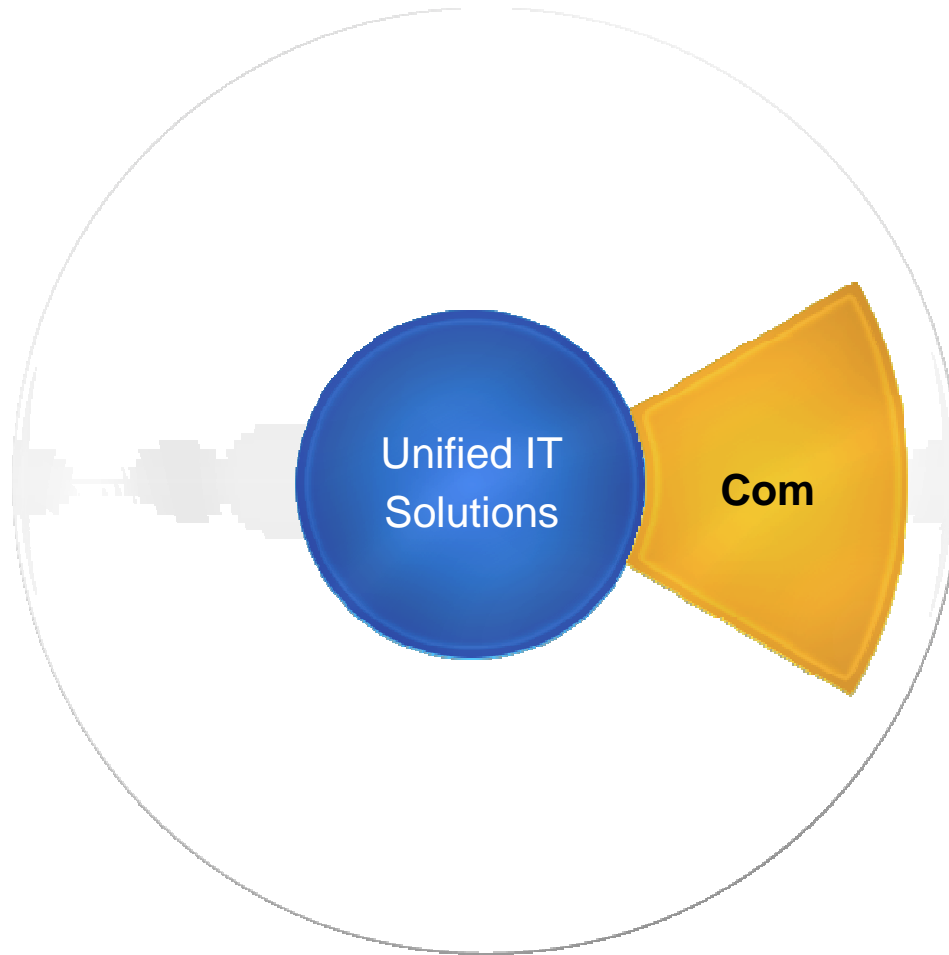- Professional Services

Our Mission

Deliver quality multi vendors IT projects from A to Z as well as making your national IT teams fully independant.
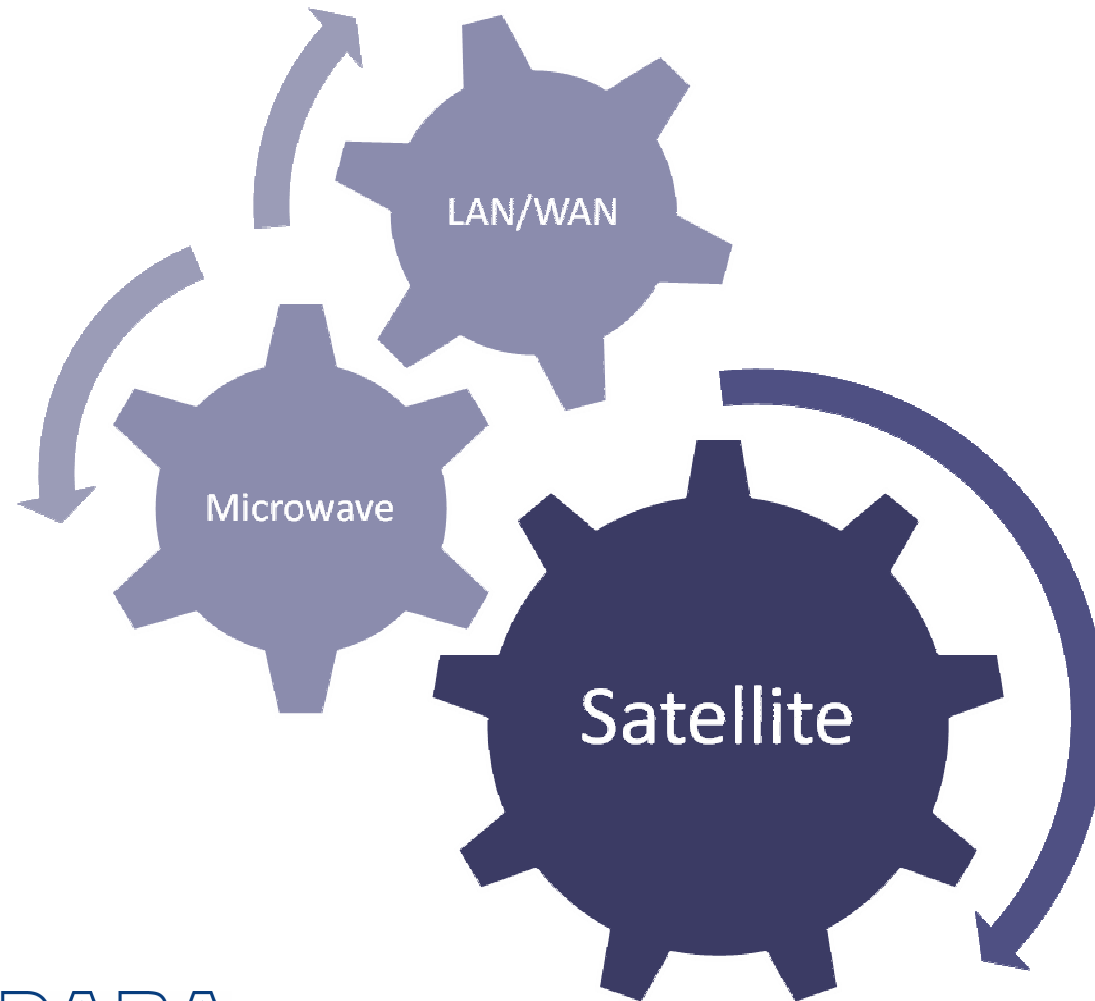
MB2I Strategic Partners

Unified IT Solutions

Com
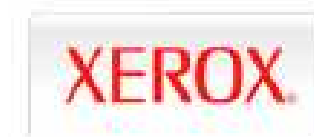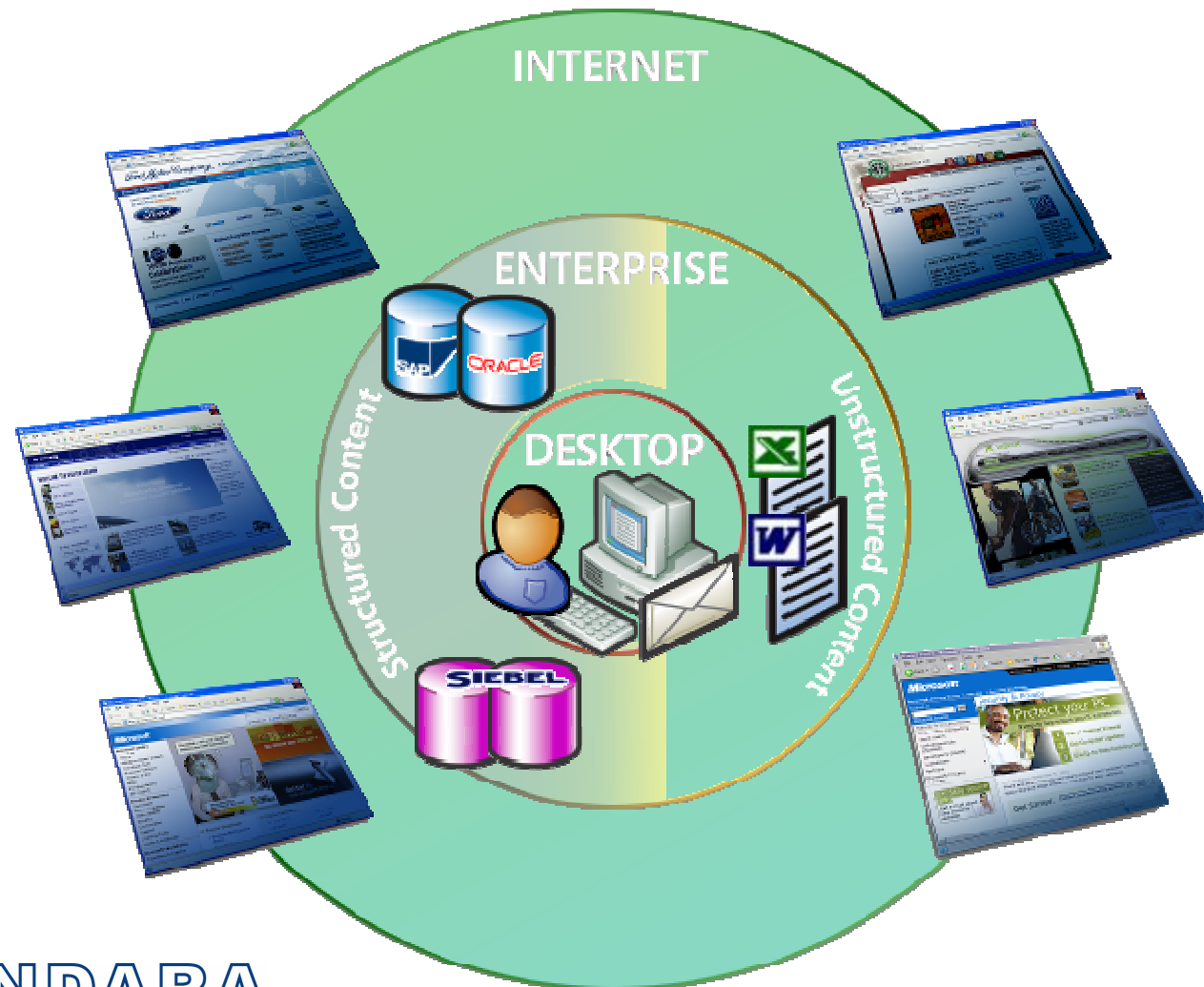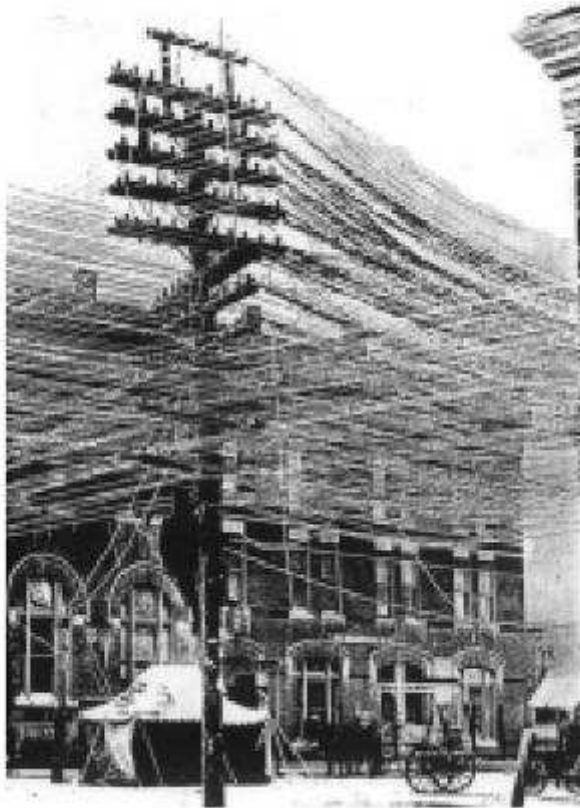
Communications Infrastructure

Network Infrastructure
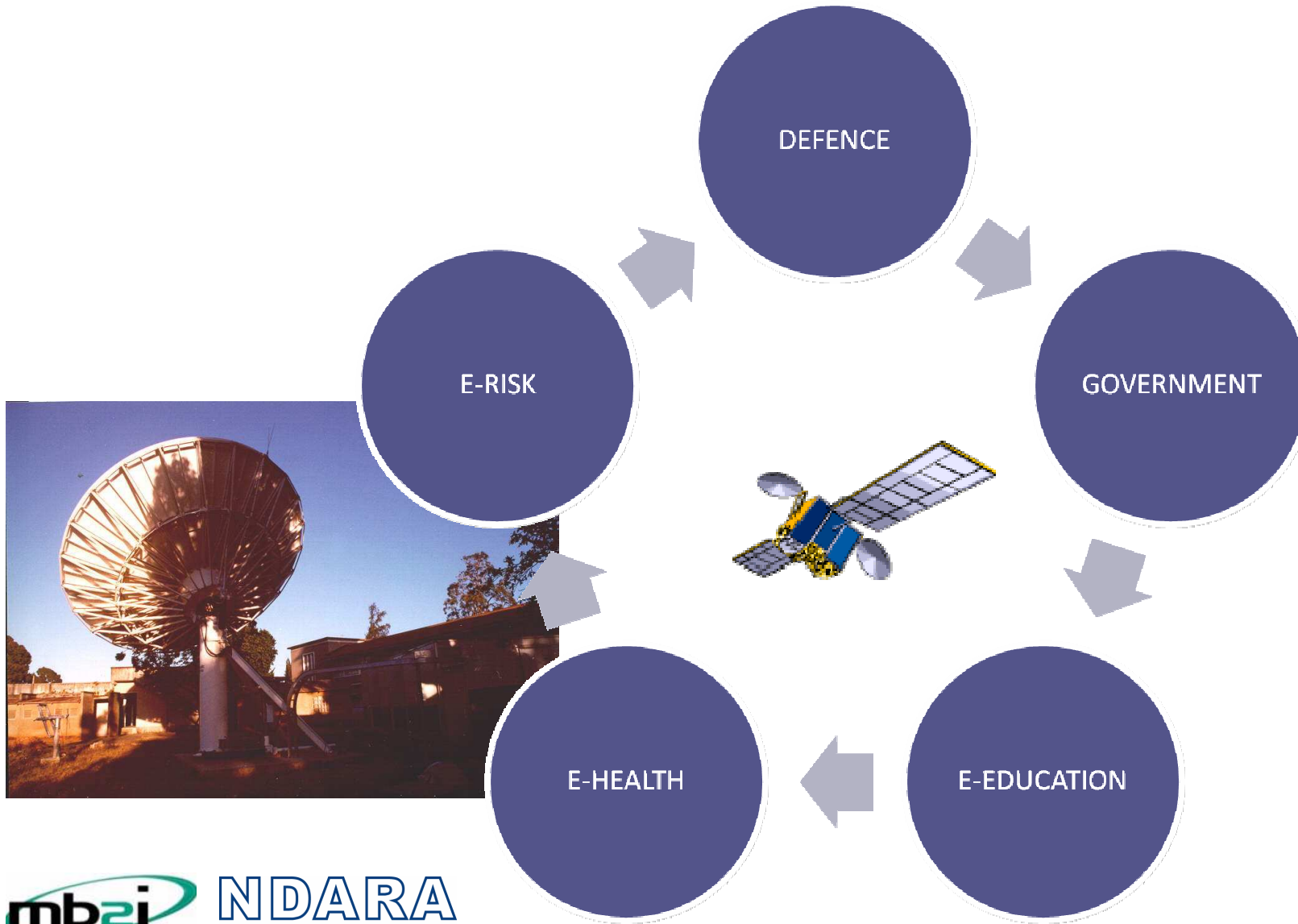
Micro-Wave Solution (µW)

United States 1921

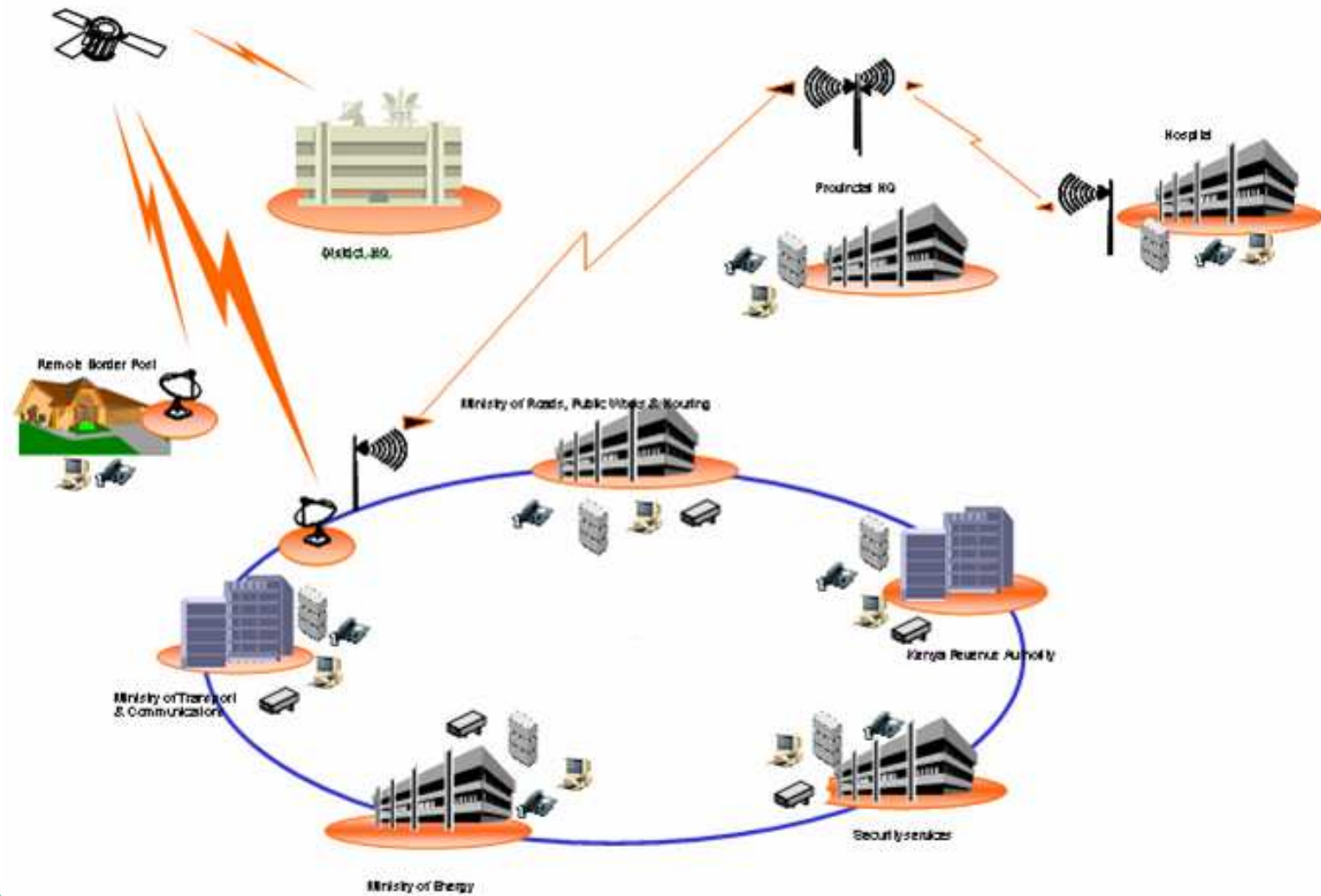Nowadays

VSAT Solutions

Governmental solutions

E-education/e-communities solutions

Remote connection to training centers

Virtual classroom

LAN

E-education Applications platform

Training center

Schools in rural areas

Distance training

LAN

RF

A9781
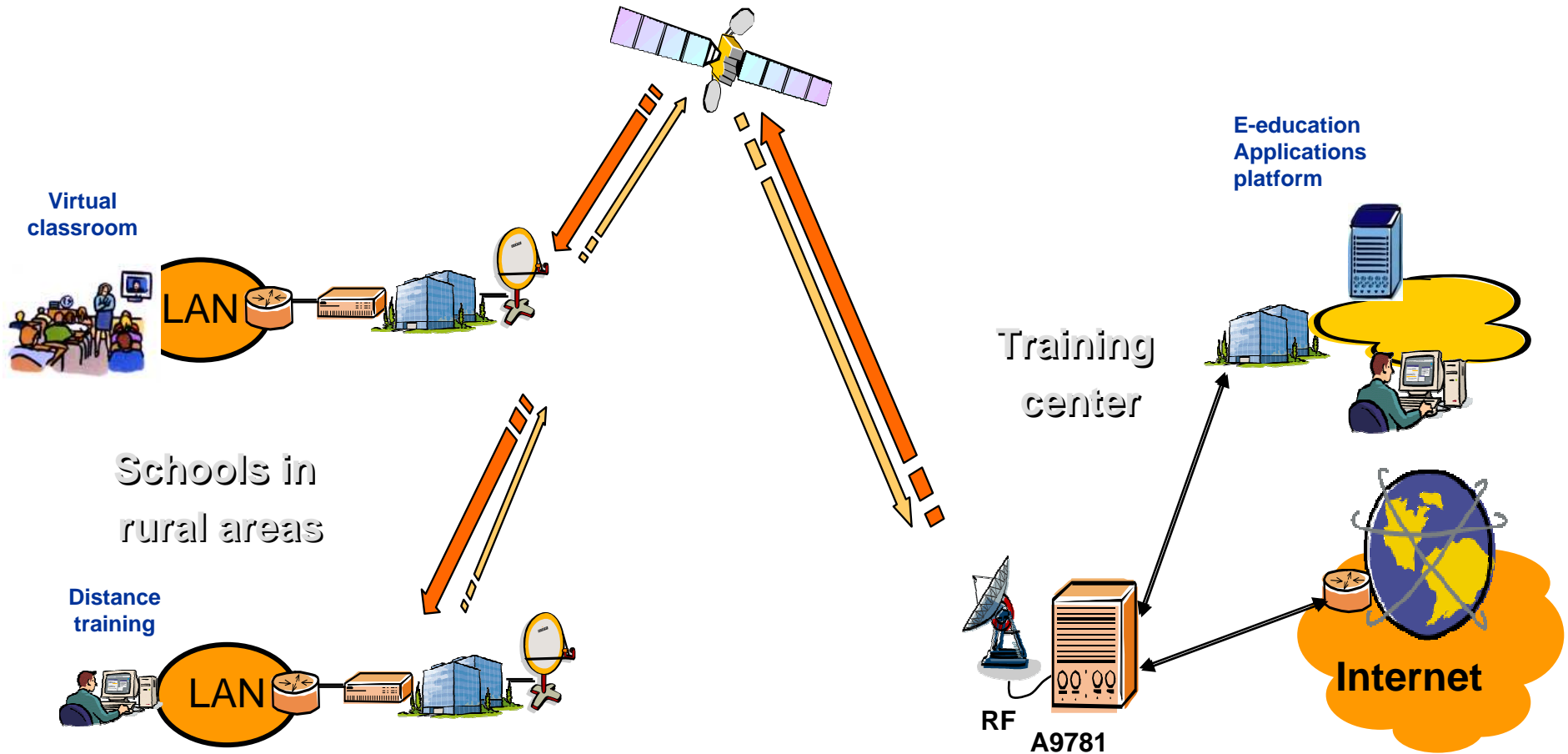
Internet

E-education/e-communities solutions

From standard Internet browser

Groupware applications
- > scheduler
- > files manager
- > …...

Videoconference
- > self video
- > remote video

Audio/Video controls
- > microphone
- > speakers
- > camera

List of connected people
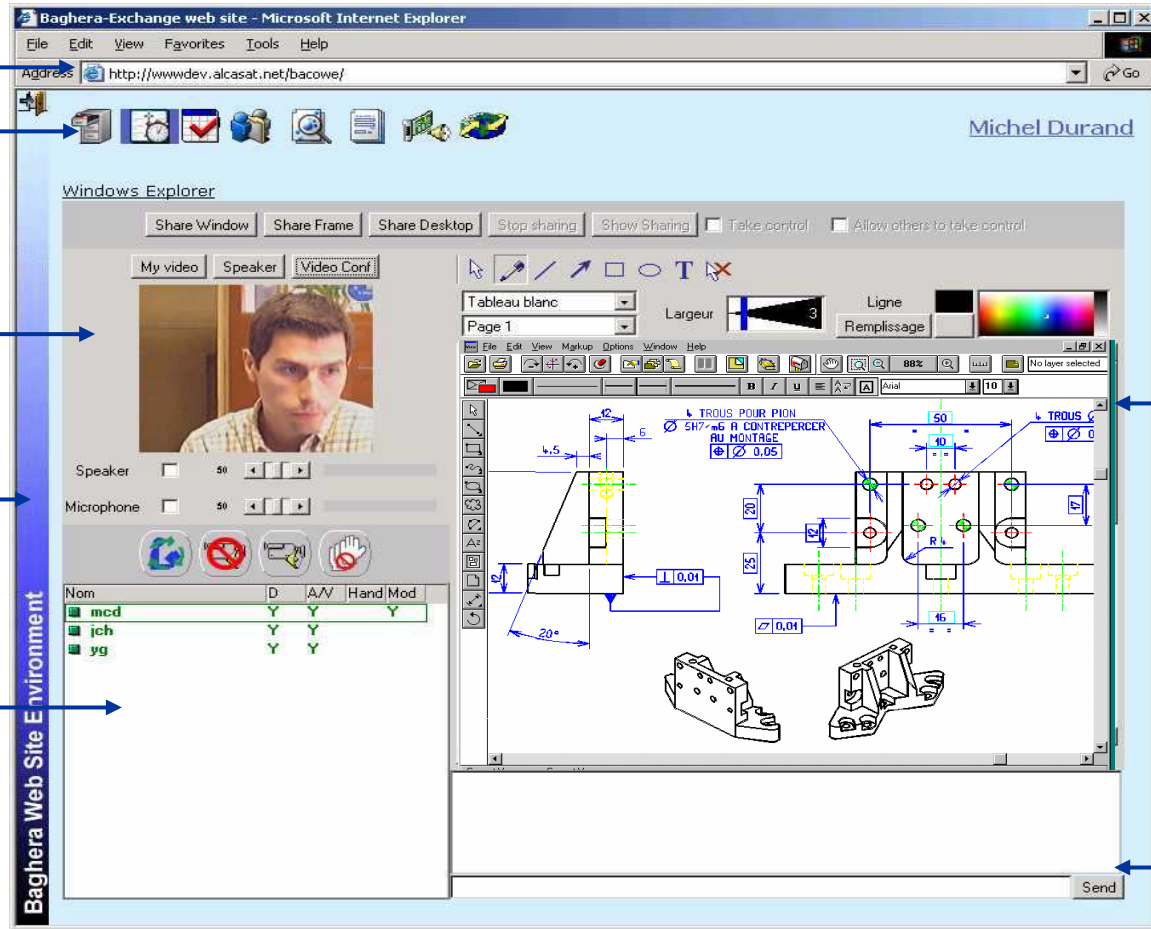
Access to portals (data & links)

Shared application
- > real time update of documents
- > shared (seen and shown) by each participant

Chat area

Accessible from the usual user's environment (office & PC) Using its favourite Internet browser

No specific software installation on the user's PC The latest version available at each new connection

Automatic Vehicle Location (AVL)

- **Location & tracking of vehicles (Automatic Vehicle Location)**
    - tracking in real time
    - visualization on geographic maps
    - 'alarm'
    - …

- **Events follow up / control**
    - startup / stop
    - daily distance
    - **alarm keys**
    - vehicle immobilized
    - sensors: door open, fuel, temperature…
    - …

- **Messages between dispatching et drivers**
    - short messages available

- **Asset management of the fleet**
    - events
    - history & reporting

Automatic Vehicle Location (AVL)

- **Huge coverage (**based on satellite network)

- **Service offering**
  - availability> 99,7 %
  - data transmission least than 5 secondes : 95%
  - data integraty > 99,9%

- **Programmed channel**
- reserved bandwith
- optimized protocol

- **Alarm channel**
- Alarm available for critical situations

Security

Fraud

Hackers

**Public
Infrastructure**

Internet

VPN(2)

IDS(1)

Firewall

**Governmental
Infrastructure**

**Remote
LAN
Access**

**Penetration
Testing**

Virus Protection

**Workplace
Infrastructure**

**(1) Intrusion Detection System
(2) Virtual Private Network**

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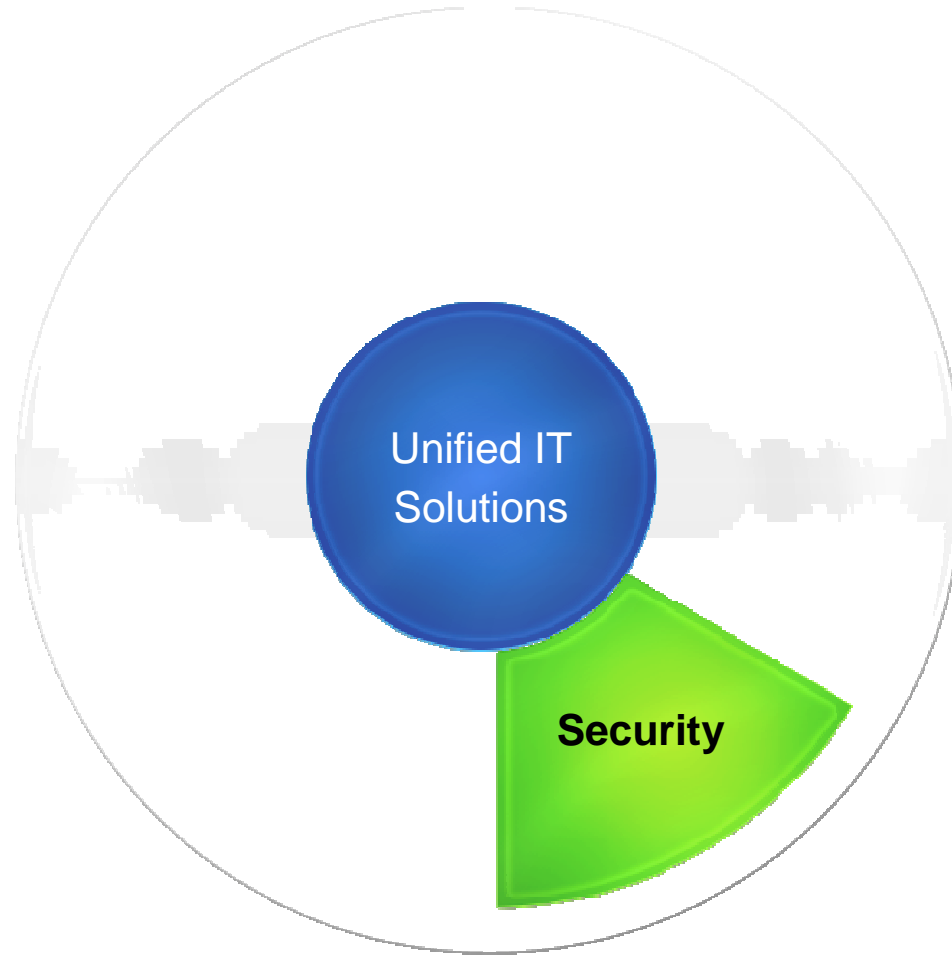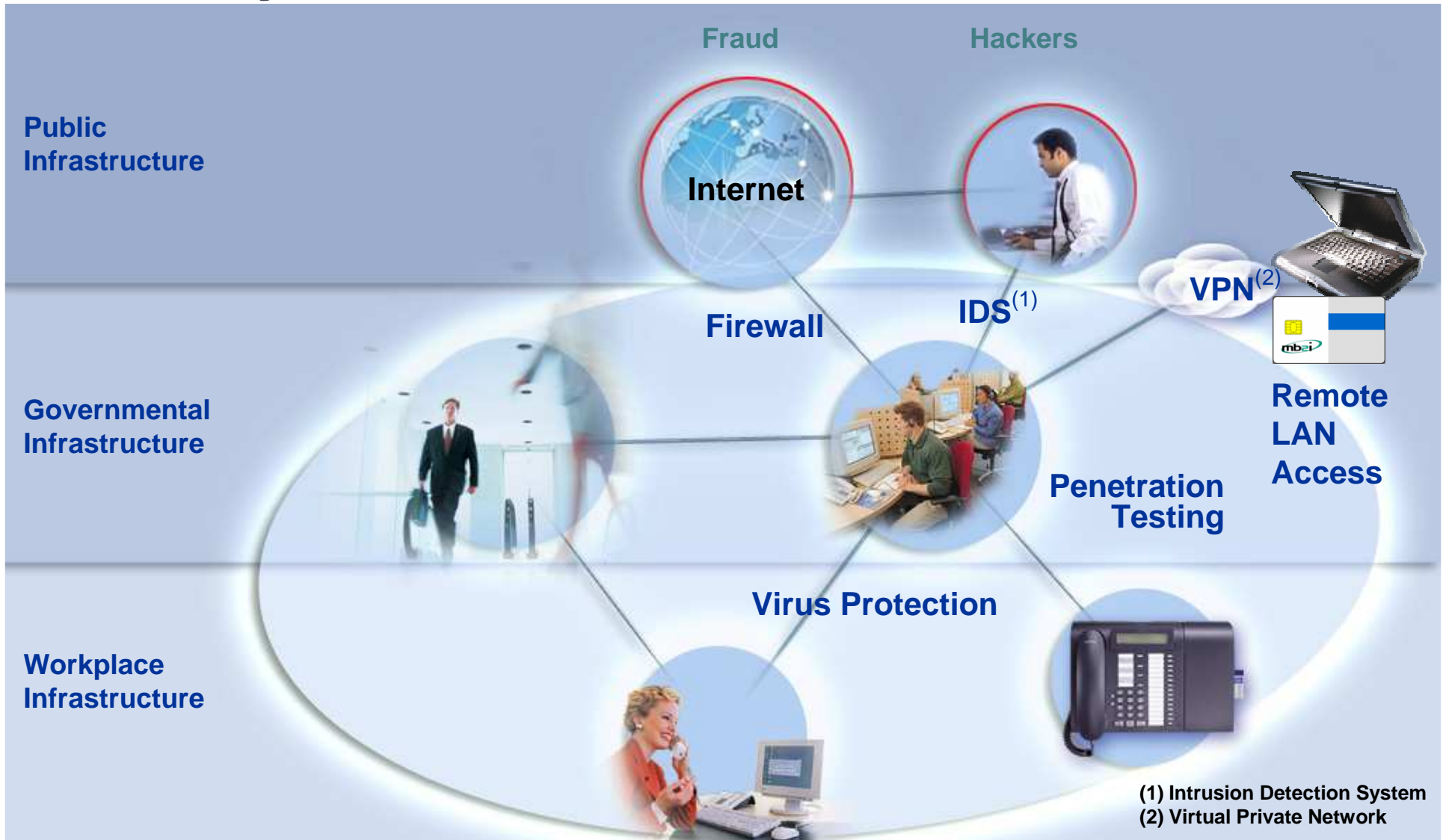
Security Portfolio

Security Analysis & Consulting

- Security Framework
- Risk Management
- Security Assessment

Identification of the need for action and suggestions for solutions

Smart Card-Based Solutions

- Hardware Components and Operating System
- Personalization and Card Management
- Public Key Infrastructure

Manifold possible applications in connection with ease-of-use

**Resources/Assets
Business processes
Applications
IT-Systems
Networks**

Network & System Security
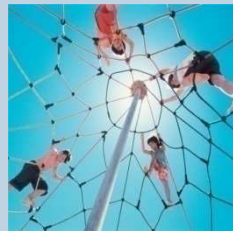
- Firewall/VPN
- Intrusion Detection/ Prevention
- Antivirus, Content Security

Protected data and processes in connection with reduced downtimes

Identity & Access Management

- Authentication
- MetaDirectory & Provisioning
- Policy Enforcement

The right rights at the right time for the right persons

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Why Smart cards ?

Time Logging

Secure Payments
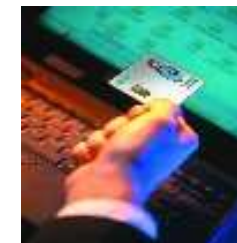
• PC access

• Access to legacy
  applications

• Access control
  for web applications

**Secure physical
access**

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**Encryption (VPN) /
Remote access (RLA)**

Buy it!

**Signatures on
electronic documents**

Secure e-mail

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ID CARD, a layout

- Smartcard for e-services
- ID2 layout

Passport No.:	92345941
Primary Identifier:	Jones
Secondary Identifier:	Maria
Nationality:	USA
Date of Birth:	11/07/67
Personal No.:	123455777
Sex:	F
Place of Birth:	Oregon, USA
Date Issued:	03/15/95
Issue Authority:	NE Center, New York, NY
Date of Expiry:	03/14/05

500 bytes

500 bytes

1200 bytes

- 2D Bar Code
- ID1 /ID2 layout

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ID CARD, a process

GSM Voice Encrytion on PDA

•unique cryptographic software application

•runs on Microsoft Windows Mobile Phone

•real time Voice and messaging

•Comprehensive security checking during the
communication

•Military Grade security

- Variable bit rate technology, auto-adjusts to the
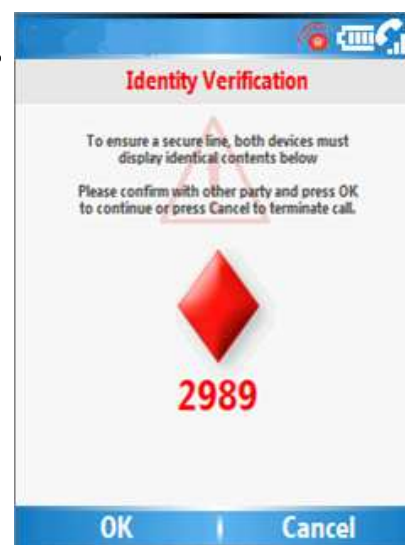 line quality.

- Provides triple layer Military Grade encryption

- Efficient low processor utilization.
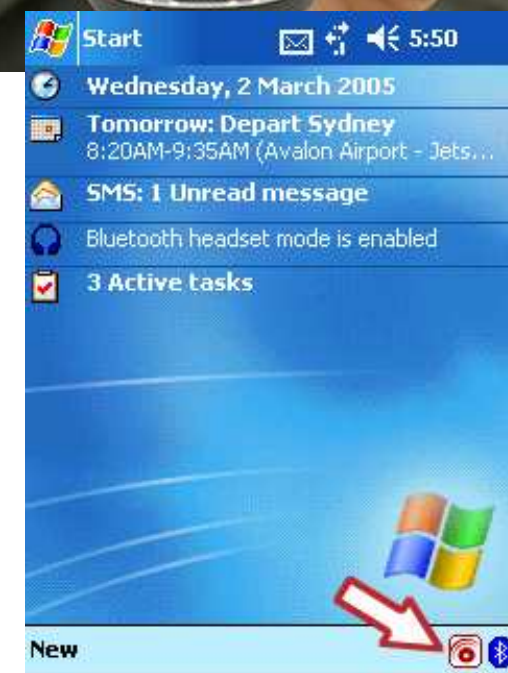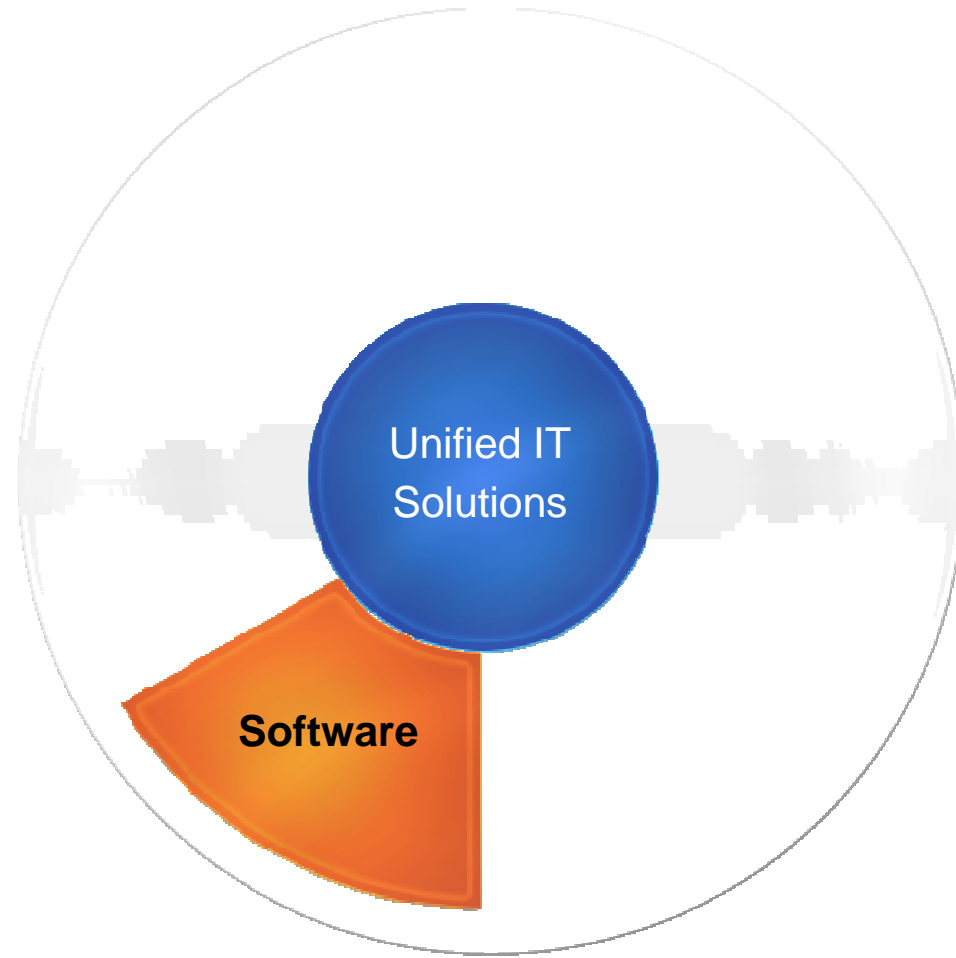
Document Management

- inter-agency document collaboration

- Manage huge amount of paper

- Protect sensitive information and Secure Document Sharing & Exchange

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Document Management

1 **Digitalization of hardcopy**
(letters, invoices, delivery notes,…)

2b **Automatic indexation of the digitalized document**

2a **Manual indexation of the digitalized document**

3 **Dynamic archiving on the Portal Server**

4 **Filing & consultation of documents via** Internet Explorer

OPEN BEE™
Scan / Portal

workflow
dématérialisation
archivage
Recherche

Dématérialisez, classez et partagez vos documents

Offert !
Un accès à la solution de Gestion Electronique de Documents pour un nombre d'utilisateurs limité

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SIGFIP

- Control public expenses

- Ease definition of budget

- Soften the process of budget nomenclatur definition

Knowledge Transfer

Unified IT Solutions

Knowledge transfer

Why
- Setup an internal IT Division
- High skills level of expertise

How
- Training, yearly roadmap
- Co projects management

100%
- Full autonomy

Services

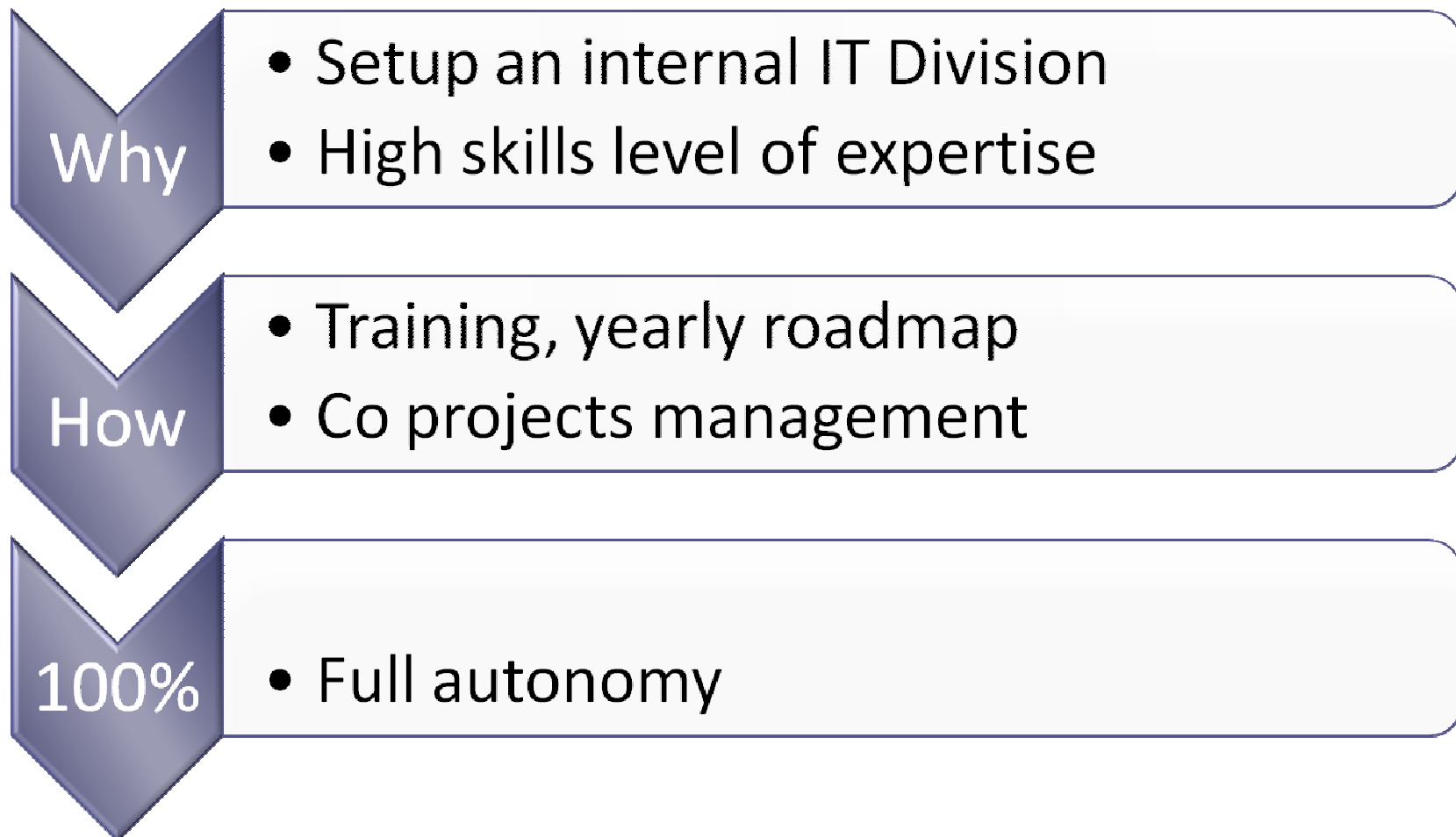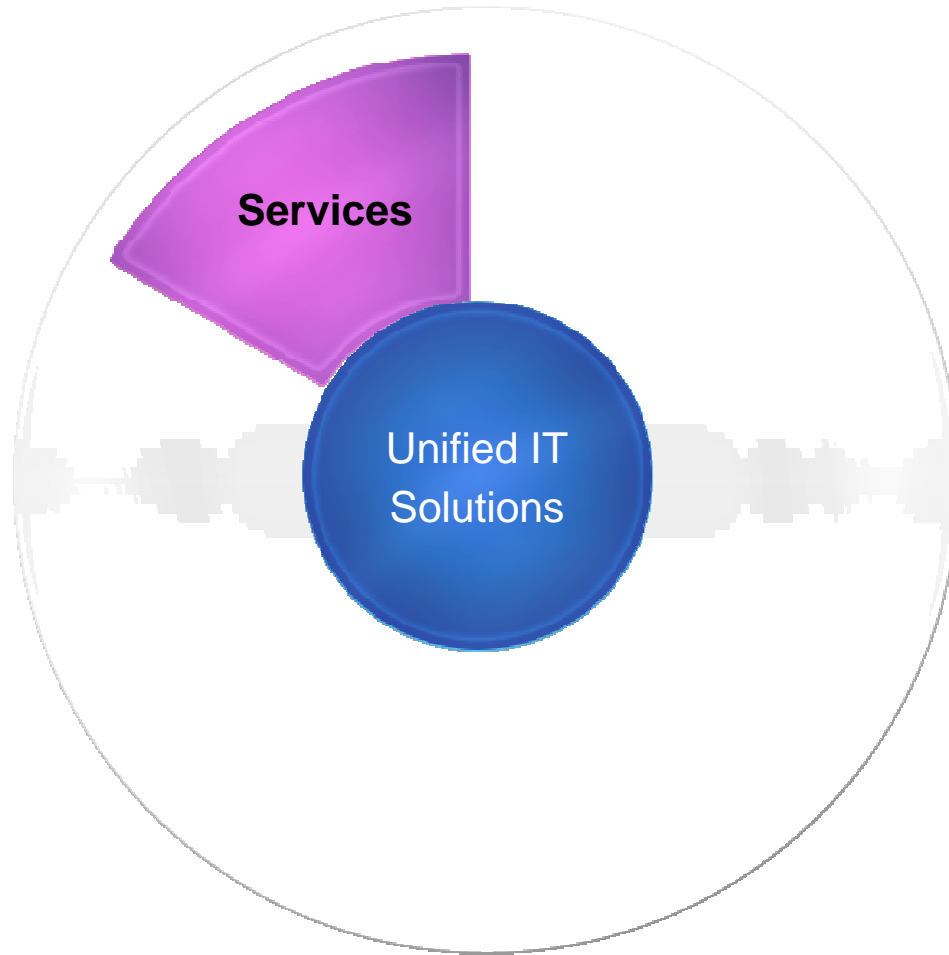**EDUCATE**
- Training
- Coaching

DESIGN
- Planning
- Optimalization
- Multivendor

BUILD
- Project Management
- Site Preparation
- Installation
- Integration

OPERATE
- Operation Services
- Enhanced Operation

MAINTAIN
- Technical Mainteance
- Repair and Replacement
- Evolution Service

CONSULT
- Operations Consulting
- Technical Consulting
- Security Consulting
- Marketing Consulting
- Business Consulting

MANAGED SERVICES
- Turnkey Projects
- Recovery Services

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Services

Experience	MB2I consultants have deployed some of the largest and most complex infrastructure solutions on record. Our hands-on background qualifies us to provide strategic guidance backed by years of experiences.
Structured Methodology	Our proven methodology is based on our extensive experience to help ensure on-time and on-budget performance.
Trusted Advisor	We offer independent verification and validation, and infrastructure optimization to ensure alignment with your business imperatives. We work as a part of your team and an advocate for your business interests.
Multi-vendor Expertise	Our consultants bring diverse experience and certifications across leading vendor technologies and platforms. This enables us to ensure multi-vendor solution integration and a seamless deployment.
Holistic Approach	In addition to technology considerations, we balance the people and process components as well to ensure adoption of new technologies and a smooth transition to operations. Our engagement approach factors in cross-disciplinary considerations, such as how to effectively secure and manage the infrastructure.
Total Solution	As part of the MB2I family of companies we can offer a full solution including fulfillment, integration, and seamless migration to managed services.

Why choosing MB2I ?

- High added value integrator

- Multi competencies

- Expertise in managing successfully governmental projects

- Independant vendor

Many thanks for your attention
Any questions ? Contact us :

contact@ndara-consutling.com