



ITQAN's New Value-Added IT Infrastructure Setup for,
**Unified Messaging, Portal Collaboration Services,
Rights Management Services and External Accessibility**

Summary:

This presentation provides brief summary about the vision of ITQAN's new IT Infrastructure, Restructuring Project for enabling the Unified Messaging, Portal Collaboration and External Access for ITQAN's corporate users.

Architecture Design & Presentation by:

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Objective

ITQAN, being an IT Solution Provider Company for Microsoft and other solutions, we know that now a days IT is the key for the success for any company, and organization, those who have the sound IT Infrastructure setup, helps them & their employees to achieve company's and their person goals.

So the idea here is that being an IT Solution provider company, we need to improve our current IT Infrastructure setup to enhance the Messaging & Collaboration Services for company's end-users, ***and also establish a platform where ITQAN can show case these services in front of the customers.***

Plan

This new IT Infrastructure setup will provide the following Value-Added Services for ITQAN Corporate Users:

- **Unified Messaging Services**
- **Portal and Team Collaboration Services**
- **Rights Management Services**
- **DirectAccess Services (External Connectivity)**
- **BranchCaching**

ITQAN's NEW VALUE-ADDED IT INFRASTRUCTURE, SOLUTION DIAGRAM

Deploying ITQAN's New IT Infrastructure for Unified Messaging, Collaboration Services and External Access

DirectAccess Clients

By Services:

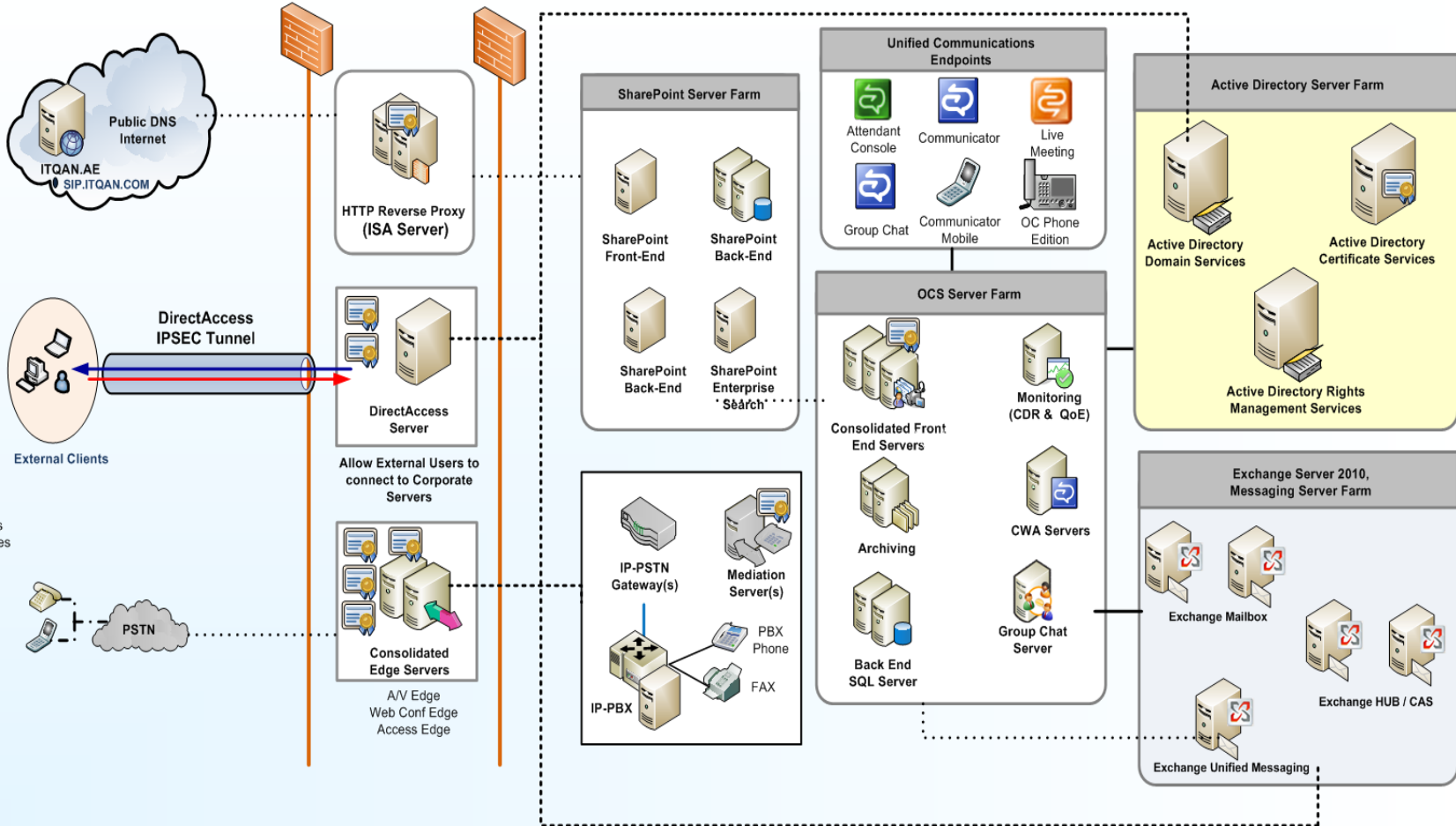
- OCS - Office Communicator
- OCS - CWA
- OCS - LiveMeeting
- OCS - GroupChat
- OCS - Enterprise Voice
- Exchange - MAPI over RPC
- Exchange - Unified Messaging
- Exchange - VoiceMail
- ADDS - Domain Services
- ADRMS - Rights Management
- SharePoint - Portal Services
- SharePoint - Document Library

By User Community:

- ITQAN
- MINA Office User
- Head Office User
- Project Teams on Customer Sites
- Pre-sales Team on Customer Sites

Customers

- Demo Access



External

Perimeter Network

Internal

Technology Used...

Microsoft Windows Server 2008, SP2

Microsoft Active Directory Domain Services

Microsoft Active Directory Certificate Services

Microsoft Office Communications Server 2007 R2

Microsoft Exchange Server 2010

Microsoft SQL Server 2008

Microsoft TMG 2010

Microsoft SharePoint Server 2010

Microsoft DirectAccess Services

Microsoft BranchCache Services

Unified Messaging Services

Now we will be illustrating the each part of the above shown Solution Design:

This solution design of UMS, will have the following services based on Microsoft Office Communications Server 2007:

- ❖ Instant Messaging & Presence
- ❖ IM Archiving & Compliance Services
- ❖ LiveMeeting Services
- ❖ Web Conferencing
- ❖ Audio Video Conferencing
- ❖ Communicator Web Access Server
- ❖ Group Chatting b/w Intra-dept & Inter-Dept
- ❖ External Connectivity
- ❖ Mobile / Cell Phone based IM & Presence
- ❖ Enterprise Voice Services
- ❖ Unified Messaging Services (Voice Mail)

Portal and Team Collaboration Services

Now we will be illustrating the each part of the above shown Solution Design:

This solution design of Portal & Team Collaboration Services, will have the following services based on Microsoft Office SharePoint Server 2010:

- ❖ Document Library Services
- ❖ Team Sites
- ❖ Wiki & Team Blog Sites
- ❖ Business Intelligence
- ❖ Team Collaboration Portal Services
- ❖ Enterprise Search Services
- ❖ ***Integration Services for:***
 - ❖ Office Project Server 2007
 - ❖ Exchange 2010 Messaging Services
 - ❖ OCS 2007 Communicator Web Access
 - ❖ **Active Directory Rights Management Services**

Rights Management Services & Compliance

Now we will be illustrating the each part of the above shown Solution Design:

This solution design of RMS, will have the following services based on Microsoft Rights Management Services of Windows Server 2008 R2:

- ❖ **RMS for Microsoft Office 2007 / Office 2010**

 - ❖ *Document's Security & Compliance (Word, Excel, PowerPoint & etc...)*

- ❖ **RMS for Microsoft Exchange Server 2007 / Exchange Server 2010**

 - ❖ Securing Emails for internal & external treats using OUTLOOK

- ❖ **RMS for Microsoft Office SharePoint Server 2007 / SharePoint Server 2010, Document Libraries:**

 - ❖ Securing the SharePoint Document Library with RMS to protect the documents, which they access through the SharePoint on PORTAL ACCESS.

DirectAccess Services (External Connectivity)

Now we will be illustrating the each part of the above shown Solution Design:

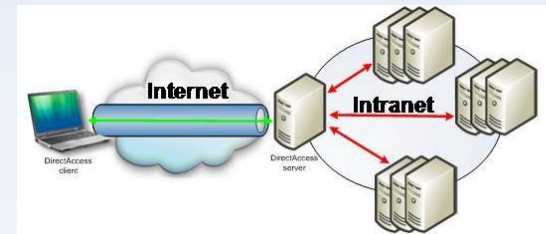
This solution design of DirectAccess, will have the following services based on Microsoft DirectAccess Technology of Windows Server 2008 R2:

What is DirectAccess?

A new solution that provides users with the same experience working remotely as they would have when working in the office. With DirectAccess, remote users can access corporate file shares, Web sites, and applications without connecting to a virtual private network (VPN).

Benefits with DirectAccess:

- ❖ End-to-end protection with IPSEC tunnel
- ❖ End-to-Edge Protection
- ❖ No need to dial VPN connection
- ❖ Prevent the need to buy the expensive VPN appliances



BranchCache

Now we will be illustrating the each part of the above shown Solution Design:

This solution design of BranchCache, will have the following services based on Microsoft BranchCache Technology of Windows Server 2008 R2:

What is BrachCache?

BrachCache provides the intelligent method for reducing the bandwidth available at Corporate branch offices by means of allowing the users to download the document (data) from the head office to their PC, and whenever any other user from the same branch tries to download the same data from Head Office, then BranchCache provides the same data from the previous user, who already downloaded the same data before.

So with having this feature inplace now your corporate users, do not need to go every time on your Central Portal (SharePoint) or File Server to download the same, because BrachCache can provides this data from its locally cache/

Benefits & Advantages

With this new IT Infrastructure Setup, we can achieve the two kinds of following benefits:

❑ Rich Unified Messaging and Collaboration Services for ITQAN's corporate Users:

❑ This new IT setup will enable unlimited possibilities for the end users to increase their productivity, and achieve company's & their personal goal with huge comfort & anywhere accessibility feature.

❑ Solution Show-casing for Customers:

❑ Since this new IT Infrastructure setup includes the most modern Technology & Services offered by Industry's leading Technology Providers, so with having these services in-place, ITQAN can show-case these services to it's customers for gaining their confidence in our services, as a Value-Added Service Provider.

Let's "Share" ideas "Securely" for "Collaboration" with
"Unified Messaging" and "Direct Access"...

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