

## SYSTEM CONSULTANCY AND TRAINING REFERENCES

### Messaging & Unified Communications

- Microsoft Exchange Server
- Microsoft Office Communications Server (OCS)
- Microsoft Forefront for Exchange Server
- Microsoft Forefront for Office Communications Server (OCS)

*“Boydak Holding, İstikbal, BosSA, Turkcell, Global Bilgi, Sabancı Holding, EnerjiSA, Dođuş İnşaat, Profilo Holding, TEGV, Üsküdar Amerikan Koleji, Çalık Holding, Çukurova İthalat, TNT Lojistik, GıdaSA, Tüpraş. Dvm...”*

### Standardization

- System Center Configuration Manager (SCCM)
- System Center Operations Manager (SCOM)
- Systems Management Server (SMS)
- Microsoft Operations Manager (MOM)
- ITIL Standardization

*“BosSA, Setur, Marks&Spencer, AxaOyak, Türk Telekom, Vodafone, Sabancı Holding, KordSA, Global Bilgi, TNT Lojistik. Dvm...”*

### Infrastructure

- Active Directory
- Clustering
- Terminal Services

*“Boydak Holding, Boydak Dış Ticaret, Boyçelik, Boypaş, Boyser, İspaş, Boyteks, Mondi, İstikbal\*, BosSA, Dođuş İnşaat\*, Profilo Holding\*, Çalık Holding\*, TNT Lojistik\*, Tüpraş\*, GıdaSA\*, Pak Holding. Dvm...”*

### Network & Security

- PKI
- Wireless network
- Microsoft ISA Server
- Microsoft Forefront Server Security
- Microsoft Forefront Client Security
- Microsoft Forefront Edge Security

*“Çukurova İthalat\*, Advansa, Setur, Sarar, Eyübođlu Eğitim Kurumları. Dvm...”*

## CONSULTANCY REFERENCES

### Messaging & Unified Communications

#### PRODUCTS

- Microsoft Exchange Server
- Microsoft Office Communications Server (OCS)
- Microsoft Forefront for Exchange Server
- Microsoft Forefront for Office Communications Server (OCS)

#### REFERENCES

##### **2008 / BOYDAK HOLDİNG – Office Communications Server 2007**

Boydak Holding, by Bilge Adam Corporate consultancy realized its Office Communications 2007 solution for meeting its corporate messaging and organizing audio and video conferences together with audio, visual and data sharing based location-free conference needs. The functions offered with this solution started to be offered to users both within and outside of the company. The communication between the users like messaging, sound, video etc. are all realized over the network by encryption.

##### **2008 / İSTİKBAL – Active Directory / Exchange Server 2007**

As part of the Active Directory and Messaging infrastructure consolidation project of all companies of Boydak Holding, for İstikbal, one of the Holding companies, Active Directory Consolidation and transition to central Exchange Server 2007 which had been created for all the companies within the group, was completed. With the project, the old profiles of all users and Active Directory memberships were all transferred to the new media. Also, the standards set for the whole group were applied to İSTİKBAL, as well.

##### **2008 / SABANCI HOLDİNG - Exchange Server 2007**

The existing Exchange Server architecture of Sabancı Holding was upgraded to Exchange Server 2007 with the project realized by the collaboration of Microsoft Consultancy Services and Bilge Adam Corporate. The critical Exchange architecture, which also provides the messaging and communication infrastructure for Sabancı Holding top executives, was activated with all its components. The integrated softwares, which work with Exchange Server 2003, were also configured to work with Exchange 2007. With Exchange Single Copy Cluster feature, the servers were designed to serve with high service levels at local data center. At the same time, with the Exchange Standby Continuous Replication feature, the replication infrastructure of Exchange data to distant data center was created.

##### **2008 / SABANCI HOLDİNG - Unified Communications (OCS 2007 ve Exchange Server 2007 Unified Messaging)**

“Unified Communications” project, which covers the Microsoft Office Communications Server 2007 and Exchange Server 2007 Unified Messaging roles, was realized to meet the written, verbal and visual communication needs of Sabancı Holding employees with other employees within the enterprise, business partners and other contacts outside of the enterprise. With the project realized in collaboration with Microsoft Consultancy Services and Bilge Adam Corporate, Sabancı Holding employees were able to realize location-free audiovisual meetings; were able to make use of Instant Messaging solution which is secure and compatible with regulation standards, to record the meetings and to increase the communication capacity of the tools they use on daily basis like Outlook, Sharepoint Portal, etc.

### **2008 / BOSSA – Exchange Server 2007**

It is the upgrading project of already existing messaging solution of Bossa called Lotus Domino architecture to Exchange Server 2007. As part of the project, instead of the single server running Domino architecture, highly accessible; scalable and reportable Exchange Server 2007 architecture was developed. By following the created architecture by Operations Manager 2007, performance and accessibility values were reported.

### **2008 / GLOBAL BİLGİ – Exchange Server 2007**

Turkey's largest call center Global Bilgi, is running the call center operations of companies like Turkcell, Superonline, Digiturk, BP, Castrol, P&G, Sony Ericsson 7/24. Microsoft Consultancy Services and Bilge Adam Corporate realized in collaboration the upgrading of the distributed Exchange Server 2003 architecture of Global Bilgi, serving with 8.000 mailboxes, to the consolidated Exchange Server 2007 architecture and the project of putting high accessibility options into service.

### **2008 / TURKCELL – Office Communications Server 2007**

The existing Live Communications Server 2005 media of Turkcell was upgraded to Office Communications Server (OCS) 2007. With OCS 2007 solution through which services like messaging at corporate standards, realizing location-free conferences, audio and visual conferences that can be used both within and outside the enterprise, at the same time establishing a federation structure with business partners for Turkcell hence providing them with the architecture that they can use with their business partners, was realized.

### **2008 / TURKCELL – Exchange Server 2007**

Exchange Server 2003 architecture holding the 25.000 e-mail accounts of Turkcell, was upgraded to Exchange Server 2007. With the designed architecture, for meeting the need for high accessibility; Exchange Server 2007 Single Copy Cluster (SCC), Cluster Continuous Replication (CCR) solutions at local data center and Standby Continuous Replication (SCR) solution was used at distant location data center were used.

### **2007 / ENERJİSA – Lotus Domino, Exchange Server 2007**

The existing Lotus Domino architecture of EnerjiSa, was transferred to Exchange Server 2007 architecture. While the existing user e-mail data at Domino server was being transferred to Exchange Server 2007, the e-mail data that the users had saved in local files were transferred to Outlook software. Blackberry mobile access architecture used within the existing architecture was transferred to Exchange Server 2007 ActiveSync architecture. The other mobile features of Exchange Server 2007 such as OWA, Outlook Anywhere were configured by considering the security criteria and the related end user settings were made.

### **2007 / PROFİLO HOLDİNG - Active Directory and Exchange Server 2007**

6 Exchange Server 5.5 servers of Profilo Holding at different locations were upgraded to Exchange Server 2003 and was consolidated with 2 servers. The existing Windows NT domain architecture was upgraded to Active Directory architecture. The existing settings and data of the users were maintained and the end users were not affected with the operations.

### **2007 / TÜRKİYE EĞİTİM GÖNÜLLÜLERİ VAKFI – Microsoft Exchange Server 2007**

The existing Exchange Server 2000 architecture at Türkiye Eğitim Gönüllüleri Vakfı was decided to be upgraded to Exchange Server 2007 architecture in order to provide service with a better quality, to be compatible with today's technology, to increase the security level, to make a better capacity and performance planning. By consolidating the distributed Exchange Server architecture which used to be configured at different locations together with the architecture; easier realization of managerial duties, easier execution of critical processes like security and capacity management and a clearer investment conducting were made possible. After putting the mobile features of Exchange Server 2007 into service, by means of secure methods, access to location and device-free data became possible for the users. Evaluating the high accessibility options within the Exchange Server 2007 provided appropriate solutions, hence, service accessibility periods were increased.

### **2007 / ÇALIK HOLDİNG - Exchange Server 2007**

At different servers brought by the Exchange Server 2007; Çalık Holding, by taking into account the scalable server roles, administration convenience, security features and the criteria for compatibility with the e-mail filing software that is to be installed with the Exchange Server; decided to upgrade its existing Exchange Server 2003 architecture to Exchange Server 2007. While all the existing e-mail boxes, contacts, the other Exchange Server objects and mobile services (OWA, ActiveSync, Outlook Anywhere (RPC over HTTPS) etc.) were upgraded to Exchange Server 2007, the Outlook users were not affected by the transition and no calls were made regarding the transition to the help desk.

### **2007 / ÇALIK HOLDİNG – Active Directory and Exchange Server 2007**

Çalık Holding's Active Directory and Exchange architecture spreaded in several locations worldwide, were re-designed by Bilge Adam Corporate in order to reach a more manageable and scalable design. In order to provide the operational IT standardization of the structure which was re-designed on the basis of industrial standards and Microsoft's suggestions, the operational standards were also documented. By using the documented standardization outputs, Çalık Holding was able to automatize Active Directory operations by integrating them with their own IT management and ERP softwares.

### **2007 / DOĞUŞ CONSTRUCTION – Active Directory and Exchange Server 2003**

During the upgrading project of Active Directory and Exchange architecture of Doğu İnşaat realized by its experienced IT staff, Bilge Adam Corporate gave consultancy support regarding the designing of the upgraded structure on the basis of Microsoft's suggestions and industrial standards, the design and operational standardization and documentation of the new structure, increasing its security and optimizing its performance.

### **2007 / ÜSKÜDAR AMERİKAN COLLEGE - Exchange Server 2003**

The messaging infrastructure of Üsküdar Amerikan Koleji wanted to make use of the technological advantages brought by the latest version of Microsoft Exchange Server and the installation and configuration of the new messaging infrastructure was realized by Bilge Adam Corporate System & Network Department consultants. The problems with the existing Exchange Server architecture were overcome, Exchange Server 2003 architecture was re-designed and realized in accordance with the industrial standards and Microsoft's suggestions.

### **2006 / ÇUKUROVA İTHALAT – Exchange Server Upgrading and ISA Server Installation**

Çukurova İthalat, implemented the messaging infrastructure with Bilge Adam Corporate with the idea that the technological advantages brought by the latest version of Microsoft Exchange Server resulted in user efficiency by providing better security architecture, more manageable infrastructure, better adaptation in comparison to bigger structures, running with a better performance and better supporting the mobile users and by decreasing the managerial resource support, hence decreasing the total ownership cost. In order to increase the level of security and to protect the user and company data better and by spending less time, Bilge Adam Corporate also designed and applied Microsoft ISA Server product which can run in integration with Microsoft Active Directory, which is currently in use by Çukurova İthalat.

### **2006 / TNT LOJİSTİK – Active Directory and Exchange Server 2003**

TNT Lojistik's already existing Windows NT based domain architecture and Exchange Server 5.5 messaging architecture were upgraded to Windows 2003 Active Directory and Exchange Server 2003. Within the architecture which works in a distributed mode at different locations, during the whole course of the project the old and the new structure were run together so that the users were not affected by the transition. At the end of the project, while TNT Lojistik upgraded its domain and messaging softwares to the most up to date technology, it also made use of the advantages brought by the new technology such as security, manageability, scalability and higher performance.

### **2005 / GİDASA - Active Directory and Exchange Server 2003**

As a result of the increasing business needs of GıdaSA, the need arose for the existing Windows NT domain architecture and Exchange Server 5.5 architecture to be upgraded to the current technology. The domain architecture of GıdaSA, which had a client architecture that was scattered to numerous distant locations was upgraded to Active Directory and the messaging architecture was upgraded to Exchange Server 2003. During the whole course of the project the old and the new structure were run together and at the end of the project, the old architecture was completely eliminated. Within the context of the project, at the central point where the whole architecture was connected to the internet and to one another, by configuring Microsoft ISA Server 2004, both the network traffic was put under control and the central reporting was made possible.

### **2005 / TÜPRAŞ – Active Directory and Exchange Server 2003**

The already existing Windows NT based domain architecture and Exchange Server 5.5 messaging architecture of Tüpraş were upgraded to Windows 2003 Active Directory and Exchange Server 2003. Windows 98 clients bearing the applications which play a very critical role in the work processes of Tüpraş, were upgraded to Windows XP after making the compatibility tests of the applications and by protecting the user profiles. At the end of the project, while Tüpraş upgraded its domain and messaging softwares to the most up to date technology, it also made use of the advantages brought by the new technology such as security, manageability, scalability and higher performance.

## Standardization

### PRODUCTS

- System Center Configuration Manager (SCCM)
- System Center Operations Manager (SCOM)
- Systems Management Server (SMS)
- Microsoft Operations Manager (MOM)
- ITIL Standardization

### REFERENCES

#### **2008 / MARKS&SPENCER - System Center Configuration Manager 2007**

With the Configuration Manager 2007 solution, a customized reporting solution was developed for the need of Marks & Spencer. The business needs were analyzed and reports were created in accordance with the needs of different units, the existing reports were consolidated to obtain different data and to reach different analysis results.

#### **2008 / MARKS&SPENCER - System Center Operations Manager 2007**

Marks&Spencer Operations Manager 2007 Audit Collection Services (ACS) architecture and customized reporting solution for Marks&Spencer's need was developed. As part of the consultancy, the enlarged (in terms of time and scope) versions of all ACS 3. Party Management Pack products were installed in the media and communication was started with the products' business partners. As a result of this operation, a presentation was given to the related IT director and the selected products were installed in the media. While the final month's security incidents were withdrawn from the active database on the developed ICS architecture, a media was developed where the previous security events (as the solution for the related 3. Party Management Pack provider) could be stored in the file system after getting compressed automatically, and they can reported after being installed automatically from the file system to ACS data base in case a reporting need from the past (more than a month in the past) arises. Thanks to the developed ACS solution, while it became possible to be informed on real time basis about the critical security events (like changing of critical domain groups' members, the password changes of critical users, security attacks); it also became possible to report the administrative actions of the past (like user account creation, password resetting, etc)

#### **2008 / BOSSA – System Center Operations Manager 2007**

With the purpose of monitoring the service quality of the Windows based servers in the infrastructure of Bossa, of non-Windows applications like AS400, IBM Lotus Domino, Blackberry and the servers and also to catch up with the IT targets, Operations Manager 2007 project was realized. By using Operations Manager Audit Collection Services (ACS) feature, security check, reporting and forgery analyses related with server, client and users, were realized. Also, as part of the project, with the "Operations Manager Business Critical Desktop Monitoring" feature, the health of the critical users' desktops were monitored.

#### **2008 / SETUR - System Center Configuration Manager 2007**

Configuration Manager 2007 solution was decided to be used for the healthy operation of configuration management process within the IT services management standardization of Setur. With the project, both the configuration management of the clients and servers in the IT infrastructure of Setur and the configuration values' standardization to be incompatible with the standards targeted by Setur were secured. Together with the infrastructure created in Setur SCCM 2007 project, with regard to the company's needs, the following configuration and change management operations can be realized: Asset Management, Software Distribution, Software Update Management, Remote Control, Desired Configuration Management and Advanced Reporting.

### **2008 / SETUR - System Center Operations Manager 2007**

In order to enable the servers bearing the critical services affecting the work processes of Setur, to provide uninterrupted and quality service, Operations Manager 2007 solution was decided to be used. With the project, the critical services of Setur's IT infrastructure, were modelled in graphical interface. In order to upgrade the quality of the IT services in offer; the accessibility, performance, configurations and security levels of the servers were started to be monitored 7/24 by proactive methods.

### **2008 / AXAOYAK – System Center Operations Manager 2007**

The customization and integration of Operations Manager 2007 solution installed in AxaOyak IT infrastructure was realized by Bilge Adam Corporate. Together with the consultancy service, Active Directory and Exchange Server architecture monitoring settings were customized for Axa Oyak. Also, Distributed Application monitoring architecture was created, for monitoring the VMWare product the necessary operation was realized, the integration of Operations Manager and Configuration Manager solutions were secured and the servers in DMZ media were included in Operations Manager architecture.

### **2008 / TÜRK TELEKOM – System Center Operations Manager 2007**

The consultancy for monitoring Türk Telekom's Windows and Unix based servers in Ankara by Operations Manager 2007 was realized collaboratively by Microsoft Consultancy Services and Bilge Adam Corporate. Together with the realized consultancy, a concept proof was executed related with monitoring and reporting the Windows, HP-UX, IBM-AIX, SunOS, Linux servers and network devices in Workgroup media of Operations Manager through performance, accessibility, configuration and security perspectives.

### **2007 / VODAFONE - System Center Operations Manager 2007**

Vodafone received collaborative consultancy service from Microsoft Consultancy Services and Bilge Adam Corporate upon the completion of Operations Manager 2007 project , with the purposes such as using the advanced features of the product, monitoring the IT media components on detail level, developing extra reports in the reporting architecture and more advanced usage of the products.

As part of the consultancy service; Distributed Application, examining the web applications from accessibility and performance perspectives, monitoring hardware level health of the servers in the media (like fan, power supply, etc), monitoring the network devices in the media and developing customized reports for the business needs of Vodafone were realized. Conformity with the design and operational standards suggested by Microsoft for Operations Manager 2007 architecture developed in media were checked and reported.

Within the same context, a visional consultancy report was prepared as to how Vodafone can reach business and investment based data in IT media more efficiently. Within this report; visions and solutions were put forward for monitoring the company's KPI targets by commenting on data received from products like Operations Manager and Configuration Manager and for controlling the future investments after realizing capacity and tendency analyses for the past.

### **2007 / SABANCI HOLDİNG – Systems Management Server 2003**

Microsoft Systems Management (SMS) Server 2003 project was realized in order to control hardware inventory and configurations of the clients and servers in Sabancı Holding's IT architecture, to control software inventory and licenses, to be able to centrally realize the company standard softwares' installation, to centrally install the security patches and to report the results of all these features from a single point. By the end of the project, all the targets were reached and contribution to Sabancı Holding IT standardization was achieved.

### **2007 / KORDSA - System Center Operations Manager 2007**

In order to enable the servers bearing the critical services affecting the work processes of Kordsa, to provide uninterrupted and quality service, Operations Manager 2007 solution was decided to be used. With the project, the critical services of Kordsa's IT infrastructure, were modelled in graphical interface. In order to upgrade the quality of the IT services in offer; the accessibility, performance, configurations and security levels of the servers were started to be monitored 7/24 by proactive methods.

### **2007 / KORDSA - System Center Configuration Manager 2007**

Configuration Manager 2007 solution was decided to be used for the healthy operation of configuration management process within the IT services management standardization of Setur. With the project, both the configuration management of the clients and servers in the IT infrastructure of Setur and the configuration values' standardization to be incompatible with the standards targeted by Setur were made possible.

Together with the infrastructure created in Setur SCCM 2007 project, with regard to the company's needs, the following configuration and change management operations can be realized: Asset Management, Software Distribution, Software Update Management, Remote Control, Desired Configuration Management, Advanced Reporting.

### **2007 / GLOBAL BİLGİ - System Center Operations Manager 2007**

Global Bilgi decided to use Microsoft System Center Operations Manager 2007 in order to monitor centrally the 250 servers within IT media in graphical media, to be informed about the events through e-mail or SMS methods in accordance with their level of significance, to support the proactive event management process and to report the service quality after monitoring and to make prospective tendency analysis. With this project realized collaboratively with Microsoft Consultancy Services and Bilge Adam Corporate, IT services tree of Bilge Adam was modelled with Operations Manager, service tree components' relations with each other were designed and the related IT services of Global Bilgi started to be monitored in the same graphical media. In case of a problem, the data regarding the core reason of the problem and the steps need to be applied for its solution can all be reached very quickly from the same graphical media. Role and responsibility based access authorization was made for different persons responsible for the service quality in the IT unit of Global Bilgi. In order to upgrade the service quality, performance, high accessibility, configuration and security settings are monitored by Operations Manager 2007. By using Windows Clustering Services and other high accessibility options, the server roles of Operations Manager 2007 were made highly accessible. With this project, Global Bilgi gained the following advantages:

- 250 servers (bearing the critical LOB applications), 400 SQL 2000 / 2005 database, 160 web sites and 150 Terminal Servers started to be monitored 7/24 through accessibility, performance, security and configuration perspectives.
- By saving in 3 years retrospective data warehouse the elements like the service quality of servers serving 4.500 users and running 7/24, service time, operator reply times, performance, configurations and capacities, the media was created for making both retrospective reports and prospective tendency analyses. It is possible to be informed about the probable problems proactively 7/24 through e-mail and SMS. When a problem arises, it is possible to reach the core reason of the problem in a very short time through the graphical screen. In order to monitor the service quality, service trees started to be monitored on giant screens in graphical media 7/24.

## **2006 / TNT Lojistik – Systems Management Server 2003, Microsoft Operations Manager 2005**

The project, which provided TNT Lojistik infrastructure which has Active Directory structure with multiple locations, to be managed effectively and efficiently, was realized by using two Microsoft Management products such as Systems Management Server 2003 (SMS 2003) and Microsoft Operations Manager 2005 (MOM 2005). Within the context of the project, while following the distributed structured server systems as event and performance management center is provided by MOM 2005, also by giving customized consoles and delegations to BT administrators located in the offices outside of the head office, they were enabled to follow their own server systems from MOM 2005 Web Access Interface. By making MOM 2005 event and warning systems intervention periods simultaneous with TNT Logistics Service Level Agreements, it was provided for the whole organizational system to make a positive contribution to the IT standardization level. At the same time, in order for the server and client systems' inventory management, patch management and application distribution to be executed centrally, Systems Management Server 2003 installation was made. After the installation of SMS 2003, by following the client and server inventories in all locations, patch and application distributions of the whole system started to be made centrally through SMS Distribution Points at different locations.

## **2005 / TNT LOJİSTİK – Operational IT Processes Standardization**

TNT Lojistik adopted SarBox standards as international standards. As a result of this, the need came up for the operational IT services of TNT Lojistik Turkey to be SarBox compatible. IT operation management and efficiency which includes a major part of SarBox law compatibility operations, was realized by Bilge Adam Corporate, on the basis of ITIL (IT Infrastructure Library) and MOF (Microsoft Operations Framework) approaches. Within this context, the existing operational processes of TNT Lojistik were analyzed, the target to be achieved was determined and by developing the related procedures and policies, the complete workflow using TNT Lojistik's IT operation management and IT infrastructure, was made compatible with the international standards. TNT Lojistik IT risk analysis and risk management procedures were also executed by Bilge Adam Corporate within the CLARITY project. The management of the changing work needs and the continuity of the compatibility are still being provided by IT internal checks applied within the context of consultancy service given by Bilge Adam Corporate consultants.

## Infrastructure

### PRODUCTS

- Active Directory
- Clustering
- Terminal Services

### REFERENCES

#### **2007 / BOYDAK HOLDİNG – IT Design and Consolidation (Still in Progress.)**

The forest and workgroup architecture of Boydak Holding companies such as İstikbal, Bellona, Mondi, Merkez Çelik, etc. was moved to single forest multiple domain architecture. Each company was handled as a separate project, forest root domain was started to be developed in the Holdig and the companies were transferred to the same forest. MSF (Microsoft Solutions Framework) cycle was operated separately for each company and each company's specific structure, critical applications, server roles were dealt with separately.

Within the context of the project, the e-mail solution center applied differently by all the companies and the collective Exchange Server were moved to 2007 architecture. All company users were configured to be able to reach their data like e-mail, calendar, tasks by Outlook, Web and mobile technologies from the Exchange Server. All Boydak Holding servers designed on the basis of architectural standards were monitored and reported by the central System Center Operations Manager 2007, with the purpose of providing the targeted service quality level. With the help of Operations Manager 2007, trend analyses were realized successfully, and future technical decisions and investments of Boydak Holding were supported.

#### **2007 / BOSSA – Active Directory and Network Infrastructure Enhancement Project**

While upgrading the basic design building structures in IT infrastructure, spreaded to different locations, in order to better protect, monitor the critical data saved in computer media and for access control, Bossa also decided to upgrade the security standards. Within the context of the project, the old technology Windows NT 4.0 domains were upgraded to Active Directory Architecture. The security policies were determined with Active Directory and they were centrally applied. Security policies were applied in network level and they were put under control by using user access to internet and access of domains between one another.

#### **2005 / GIDASA - Terminal Services Clustering Project**

The remote access architecture on Citrix platform which enables the critical applications of GıdaSA to be run from remote locations was transferred to Microsoft Terminal Services architecture. With the project, compatibility and performance analyses of all the applications to the new architecture were realized and for the high accessibility in the newly designed architecture NLB and Session Directory features were configured. All the servers related with the architecture were upgraded from Windows NT 4.0 to Windows Server 2003 media.

#### **2005 / PAK HOLDİNG - Terminal Services Clustering & Thin Clint Project**

Pak Holding preferred Bilge Adam Corporate in order to solve the general performance problem in the users' computers, as the applications were having more resources (processor, memory etc) needs every day. Considering the project cost, instead of renewing the computers of all the clients, Terminal Services architecture was realized in central servers, the clients were configured as "Thin Clients" and only with a cost much less than that of updating the hardwares of all the clients, target performance criteria were reached.

## Network and Security

### PRODUCTS

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- PKI
- Wireless network
- Microsoft ISA Server
- Microsoft Forefront Server Security
- Microsoft Forefront Client Security
- Microsoft Forefront Edge Security

### REFERENCES

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#### **2008 / SETUR - ISA Server 2006 and Forefront Project**

In order to strengthen the client and server based security infrastructure in IT architecture, Forefront Client Security product was spreaded to all the clients and was integrated with the Operations Manager 2007. The internet and access security between the domains were provided by applying ISA Server 2006 solution to network gates.

#### **2007 / SARAR – Network Security and Optimization**

The analysis of the packs which created the unnecessary network traffic at SARAR stores and the project constituting the re-configuration of the infrastructure in the way that it will prevent the unnecessary packs, were realized by Bilge Adam Corporate. At the beginning of the project, a detailed analysis was made and the project was realized in accordance with the analysis documents. By making a re-analysis at the end of the project, the advantages of the project to SARAR were reported.

#### **2006 / EYÜBOĞLU EDUCATIONAL INSTITUTIONS - Wireless Campus**

For Eyüboğlu Educational Institutions which have been active since the year 1970, the wireless network architecture of Umraniye Campus was realized by Bilge Adam Corporate, in order to meet the needs of both the clients' local network and internet access and the visitors' easy internet access. While the project was being designed, by considering the weaknesses of the wireless networks in terms of security, the existing most secure wireless network protocols and devices were used. While the wireless network access was configured in the best efficiently serving way by analyzing all the factors that may affect the wireless network within the campus; the security, control and the isolation of the network gates were provided with Microsoft ISA Server 2004.

## TRAINING REFERENCES

### TRAININGS

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- Microsoft
  - Exchange Server
  - Windows Server
  - System Center Family
  - Security
  - IIS
- Websense
- EC-Council

### Microsoft

#### EXCHANGE SERVER TRAININGS

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- Managing and Maintaining Exchange Server Environment
- Exchange Server Troubleshooting and Disaster Recovery
- Architecture and Design for Microsoft Exchange Server
- Architecture and Design for Unified Communications using OCS
- Managing Messaging Security using Microsoft Exchange Server

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- Bank Pozitif
- Boydak Holding
- CSA Holding
- Çalık Holding
- Dentaş Kağıt
- Digitürk
- Doğan Online
- Doğu İnşaat
- Doğu Otomotiv
- EMC
- Erdem Holding
- Eti Gıda A.Ş.
- Finans Bank
- Garanti Bankası
- Gıdasa
- Global Bilgi
- IBTech
- İçdaş
- İskenderun Enerji
- Kibar Holding
- Kuveyt Türk
- Li-Fung Tekstil
- Mars Logistics
- Meteksan
- Microsoft
- Migros Türk
- Olmuksa
- Opet
- Paxar Telsa
- Pepsi
- Petkim
- PricewaterCoopers
- Profilo Holding
- Proline
- Setur
- Siemens
- Sodexho
- Sun Holding
- Takas Bank
- TFKB
- Toprak Holding
- Turkom
- Türk Traktör
- Unilever
- Yaysat

## WINDOWS SERVER TRAININGS

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- Managing and Maintaining Windows Server Environment
- Managing and Maintaining Active Directory Services
- Managing and Maintaining Windows Server 2003&2008 Network Infrastructure Servers
- Windows Server Automation & Administration Using Scripting
- Implementing Windows Server Clustering & Clustering Essentials
- Fundamentals of Windows Server Network Infrastructure and Application Platform
- Configuring and Troubleshooting Network Infrastructure
- Configuring and Troubleshooting Windows Terminal Services
- Designing Network Infrastructure
- Designing Active Directory Infrastructure and Services
- Designing a Windows Server Applications Infrastructure
- Implementing and Managing Microsoft Virtual Server Platforms
- Configuring and Managing Windows Media Services for Windows Server 2008

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- Aselsan
- Avea
- Aydınli Hazır Giyim
- Banvit
- Basel İlaç
- Betek
- Bileşim
- BİM
- Boydak
- Çaykur
- Çorum İl Ö.İ.
- DHL Express
- Diyarbakır Büyükşehir Beld.
- Doğu İnşaat
- Doğu Otomotiv
- Emerson Process
- Emirates
- Emniyet Genel Müdürlüğü (POLNET)
- Er Bilgisayar
- Erdem Holding - Genpa
- Ericsson
- Eyüpoğlu Koleji
- Fırat Plastik
- Finansbank
- Fiskobirlik
- Garanti Bankası
- Genelkurmay
- Gıdasa
- Global Bilgi
- GOSB
- Halkbank
- HEAŞ
- HSBC
- IB-Tech (FinansBank)
- Interprobis
- Isbank
- İ.Ö.İ. Ağız&Diş Hst
- İsdemir
- İskenderun Enerji
- Kervan Gıda
- Megabil
- Merkez Çelik
- Microsoft
- MNG Factoring
- Norm Data
- Pak Holding
- Parsan
- Paxar Telsa
- Pegasus
- Petrol Ofisi
- Polin Su Kaydırakları
- Profilo – Telra
- Robert Koleji
- Sabiha Gökçen HEAŞ
- Sancak Bilgisayar
- Sertrans Lojistik
- Setur
- Sio Automotive
- Soyak Yapı İnşaat
- SSK
- Statoil
- Şölen Çikolata
- Takas Bank
- Tekfen
- Teknosa
- Tema Tekstil
- TFKB
- Tırsan Lojistik
- Toprak Holding
- Total Oil
- Tüpraş
- Yapkim A.Ş.
- Yaysat
- YKK Turkey
- Zonguldak İl Ö.İ.

## SYSTEM CENTER FAMILY TRAININGS

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- Infrastructure Management Planning, Deploying and Managing
- Configuration Management Planning, Deploying and Managing
- Server Consolidation using Virtualization
- Desktop Optimization Services using Microsoft Windows Vista and Office System
- Planning, Deploying and Managing Systems Center Configuration Manager
- Designing, Planning and Deployment for Microsoft Application Virtualization

## REFERENCES

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- Abank
- Acarlar
- Avea
- Axa Oyak
- BIM
- Bimsa
- Contitech
- Garanti Teknoloji
- Gıdasa
- Global Bilgi
- HP İş Ortakları
- Infoline
- İçdaş
- İskenderun Enerji
- Kale Kilit
- Kibar Holding
- KKTCELL
- KordSA
- KPMG
- Kütahya Porselen
- Megabil
- Meteksan
- Microsoft
- Microsoft EMEA
- Nezh Mimarlık
- Olmuksan
- Opet
- Oyak
- Petkim
- PricewaterhouseCoopers
- Sampaş
- Setur
- Tema Tekstil
- TFKB
- Ünite Bilgisayar

## SECURITY TRAININGS

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- Designing, Implementing and Administering Security for Microsoft Networks
- Server and Domain Isolation (SDI) for Security
- Public Key Infrastructure (PKI) for Security Solutions
- Windows: Baseline Security Desired Configuration Monitoring (DCM)
- Internet Security and Acceleration Server Health Check
- Deploying and Administering Microsoft Forefront Client Security
- Deploying&Adm. Microsoft Forefront Security for Exchange Server, SharePoint & OCS
- Implementing Microsoft Internet Security and Acceleration Server 2004

## REFERENCES

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- Acarlar
- Aksa
- Avea
- Bank Asya
- Bimar Bilgi İşlem
- Çalıkbank
- Doğuş İnşaat
- Eurobank Tekfen
- Fiskobirlik
- Gıdasa Kraft Gıda
- IBTech
- Isbank
- İETT
- İskenderun Enerji
- Koç Holding
- Kordsa
- KuveytTürk
- Kuzey Kıbrıs Turkcell
- Megabil
- Microsoft
- Opet
- Paxar Telsa
- Setur
- Statoil
- Şekerbank
- TAV
- T-Bank (Turkland Bank)
- Tema Tekstil
- TFKB
- THY
- Vodafone
- Yaysat

## Websense

### TRAININGS

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- Web Security Suite

### REFERENCES

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- Arçelik
- Atos
- Datamarket
- E-Çözüm
- Enerco Enerji
- Infonet
- Intellect
- Koçnet
- Koçsistem
- Meteksan
- Özmaya
- Probil
- Robert Kolej
- SIRRUS
- Sürat
- Şekerbank
- Teknosa
- Üsküdar Amerikan Koleji