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AMREIN ENGINEERING



Exchange Messaging Day vom 8. April 2005

- Track One
 - Securing OWA with RSA SecurID
- Track Two
 - Extending Mobility
 - Nokia One Business Server

Securing Microsoft Office Outlook Web Access

Provided by Microsoft Exchange Server 2003

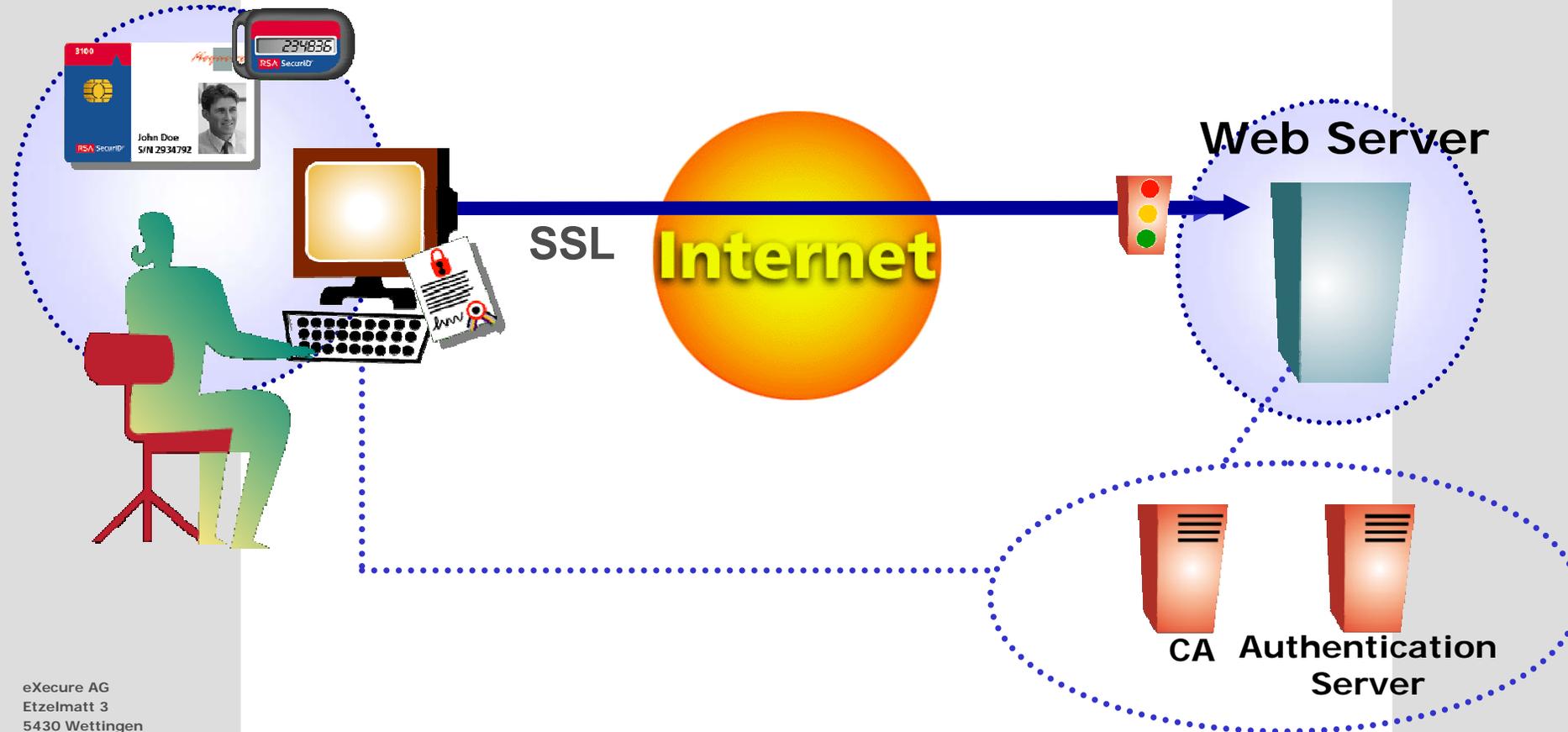
- What is Strong Authentication ?
- Why use Strong Authentication ?
- Why RSA SecurID ?

RSA Authentication Manager

- Over 11 million authentication devices deployed worldwide
- Over 11,000 customers
 - More than 65% of Fortune 500
 - More than 80% of Global 100
- Over 175 vendors in the RSA SecurID Ready Program with over 260 certified products

RSA SecurID

For Web Applications



Agent 5.3 Config for Web for IIS

The screenshot displays the Internet Information Services (IIS) Manager interface on the left, with the 'Default Web Site' selected. Overlaid on the right is the 'Exchange Properties' dialog box, specifically the 'Directory Security' tab. The 'RSA SecurID' sub-tab is active, showing the following configuration:

- Protect This Resource With RSA SecurID
- Apply Change Recursively
- Enable RSA Web Access Authentication Feature Set on This Server
 - Protect This Resource
 - Apply Change Recursively
- Cookie Expiration Control:
 - Expiration Time: 5 Minutes
 - Expiration Time: 15 Minutes (with a 'Manage Domain Configuration' button)
- Require Secure Connection to Access Protected Pages
- Redirect HTTP Connections to Secure Server
- Advanced Settings:
 - Disable IIS Server If Agent Fails to Load
 - Enable Group Security
 - Send Domain and User Name To RSA ACE/Server
 - Prevent Caching of Protected Pages on Clients
 - Ignore Browser IP Address for Cookie Validation
 - Use RSA ACE/Server Name Locking Feature
 - Use Separate User Name and PASSCODE Pages
 - Use JavaScript Popup Window to Authenticate in Frames
 - Auto Submit (avoid having to click Continue after successful Auth)
 - Use text link authentication mechanism for MultiDomain/WML access
 - Disable Cookie API processing
 - Use standard page cache prevention mechanism for WML access
- Templates: C:\Program Files\RSA Security\RSAWebAgent

RSA SecurID with OWA

Live Demo

RSA SecurID Authenticators



Questions ...



Extending Mobility

Nokia One Business Server 3.2

- Application Proxy for Email, Calendar and Contacts
- Collaboration Advantages: Working with Meeting Requests
- Ease of implementation as software only solution

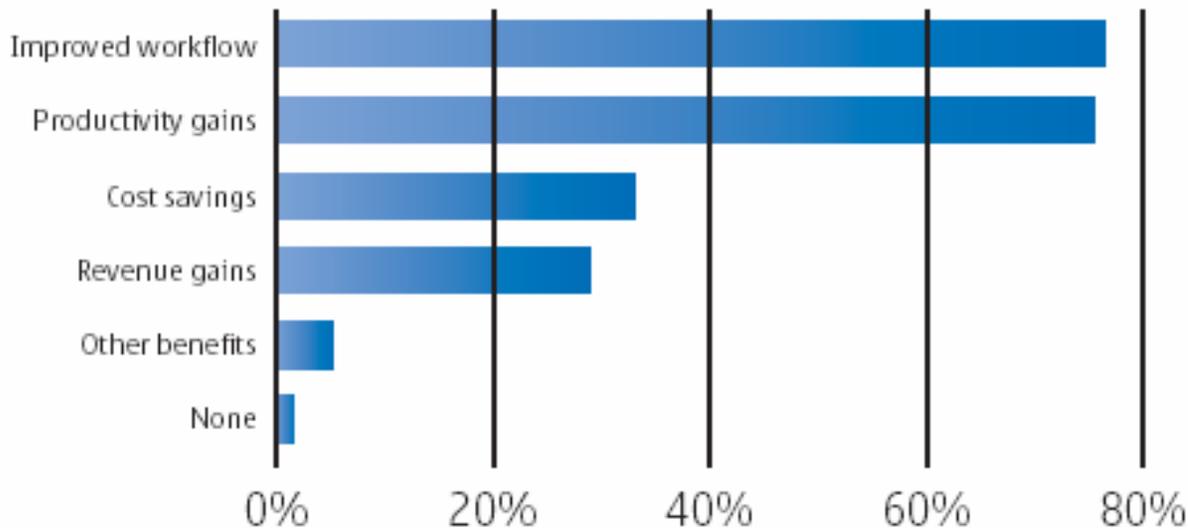
The Challenge of Delivering Mobile Email

Employees being mobile are challenged....

- **Staying connected** to their Back-Office using any bearer available
- **Collaborate** with colleagues being mobile as well
- Performing all these tasks while **using their mobile device of choice**

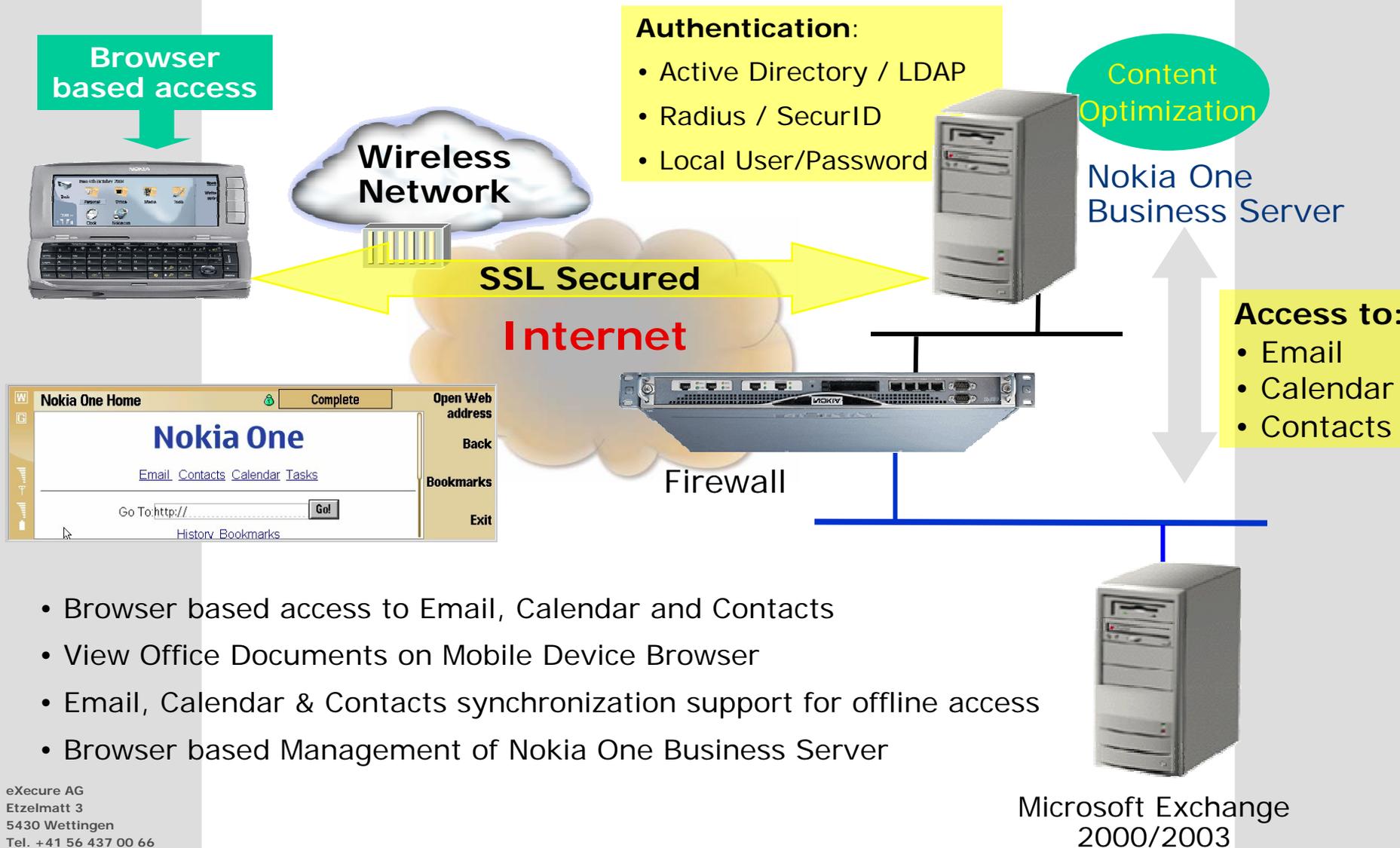
Maximizing Productivity through Mobility

QUESTION: What are the principal benefits from mobile data?



Source: Deloitte Research, January 2003

Sample: Respondents that had deployed mobile data either generally or partially



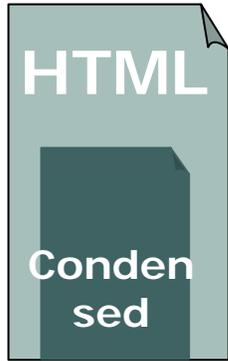
- Browser based access to Email, Calendar and Contacts
- View Office Documents on Mobile Device Browser
- Email, Calendar & Contacts synchronization support for offline access
- Browser based Management of Nokia One Business Server

Content Optimization



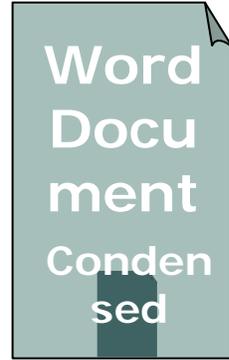
67%

**Lexical
Condensation
Reduces Text
by 33%**



33%

**Reduces
HTML
Documents
67%**



5%

**Reduces
Word
Documents
95%**

Nokia One Business Server

Live Demo

Cost Savings when using Browser-Based Access

Viewing versus Downloading a 535kb sized Word document

	Send / Received data	Time needed for Viewing/ Downloading	Costs in Germany (E-Plus)
N1BS Web Interface	23,38 kb / 76,45 kb	2 min 43 sec	0,20 €
Download via IMAP / SSL	40,57 kb / 752,52 kb	4 min 50 sec	1,60 €

It is about 8 times more cost saving to use the Web Interface!



Speed Messages > **Notifications** Nicknames Password Devices Accounts

Where to send notifications (Hide)

Please select where your notifications should be sent.

SMS Address

Update @ -- select --

Uncheck this box to suspend notifications.

Use rules for these accounts (Show)

Urgent Email (Show)

Sleep Window & How Often (Show) Notify me any time

Add Custom Rules (Hide)

Basic Rules

Add Notify me if I receive a message that is sent from this email address:

Add Notify me if I receive a message that contains this text somewhere in the sender field:

Add Notify me if I receive a message that contains this text somewhere in the subject line:

Advanced Rules & Exceptions (Show)

Current Rules

Update On/Off Settings

Delete Selected Rules

On/Off		Delete
<input type="checkbox"/>	Notify for any message	n/a
<input type="checkbox"/>	Notify for messages marked important	n/a

Mobile Telephone Number and Network Operator

Urgent Email, Sleep Window and Custom Rules for Notification

Sleep Window Settings

Sleep Window & How Often (Hide)

- Notify me any time
- Don't notify me between and each day

Don't send a notification any sooner than minutes after the previous notification was sent.

Save Sleep Window & Frequency Settings

**Mobile
Terminals using
WAP Browser**



**Mobile Terminals
using Web Browser
(HTML, XHTML)**

