HP Officejet 9100 series
Digital Send Authentication Solution

Convert your all-in-one into a more secured network digital sending device

Validate authorized users, protect network resources, and enable send-to-email tracing cost-effectively and easily.

The HP Digital Send Authentication Solution[1] increases digital sending security for the HP Officejet 9100 series all-in-one[2] when connected to Microsoft® Windows® 2003 networks. This cost-effective, easy-to-use solution protects network resources, authenticates users, and enables send-to-email tracing.

Enhance network security

Eliminate unauthorized use of digital sending. Any HP Officejet 9100 series aio users who want to send a document must enter a valid Windows domain username and password, ensuring only valid users are accessing the device. This solution automatically fills in the *From* field based on the user's identity. Once authenticated, a user will then be able to select the desired Send to location.

Protect network resources

Add an integrated authentication solution. HP Digital Send Authentication Solution includes support for Microsoft Active Directory and Kerberos, which together act as the central authority for network security, letting the operating system readily verify a user's identity and control his or her access to network resources. Once verified by your company's Kerberos network authentication, send-to-email is traceable through a user's email address, which is automatically entered into the *From* field.

Cost-effective solution

- **Enhance network security affordably**. Purchase HP Digital Send Authentication Solution by the device (one license per device for multiple users). This cost-effective solution provides added network security for multiple users of an HP Officejet 9100 series aio.

- **Easily integrate into your existing infrastructure.** The software supports Microsoft Active Directory and Kerberos right out of the box, enabling you to leverage existing IT infrastructure—network authentication and email addresses—for an increased return on your IT investment.

Easy to use, control, and manage

- **Track data for each job**. The HP Embedded Web Server (EWS) provides powerful tools for supplying information on device and print job status and ink usage.

- **Provide a consistent, familiar interface**. Using the localized keyboard accessory, the PC login access allows users to login, select network folder destinations, or search for and enter email addresses.

HP printing and imaging systems help you create powerful, professional communications easily. Printers, supplies, accessories, digital solutions, and services are designed to work together and invented to meet your business needs.

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[1] While this customized 64 MB DIMM can provide basic memory functionality, the authentication features are specific to this DIMM. Other 64 MB DIMMs do not provide the same functionality.
[2] The HP Officejet 9130 automatically supports HP Digital Send Authentication Solution; the HP Officejet 9120 requires the optional localized keyboard accessory; the HP Officejet 9110 requires an optional HP Jetdirect print server and the optional localized keyboard accessory. See "Technical Specifications" for part numbers.

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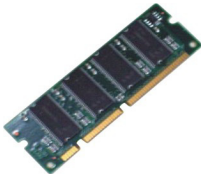
64 MB DIMM card to activate authentication features
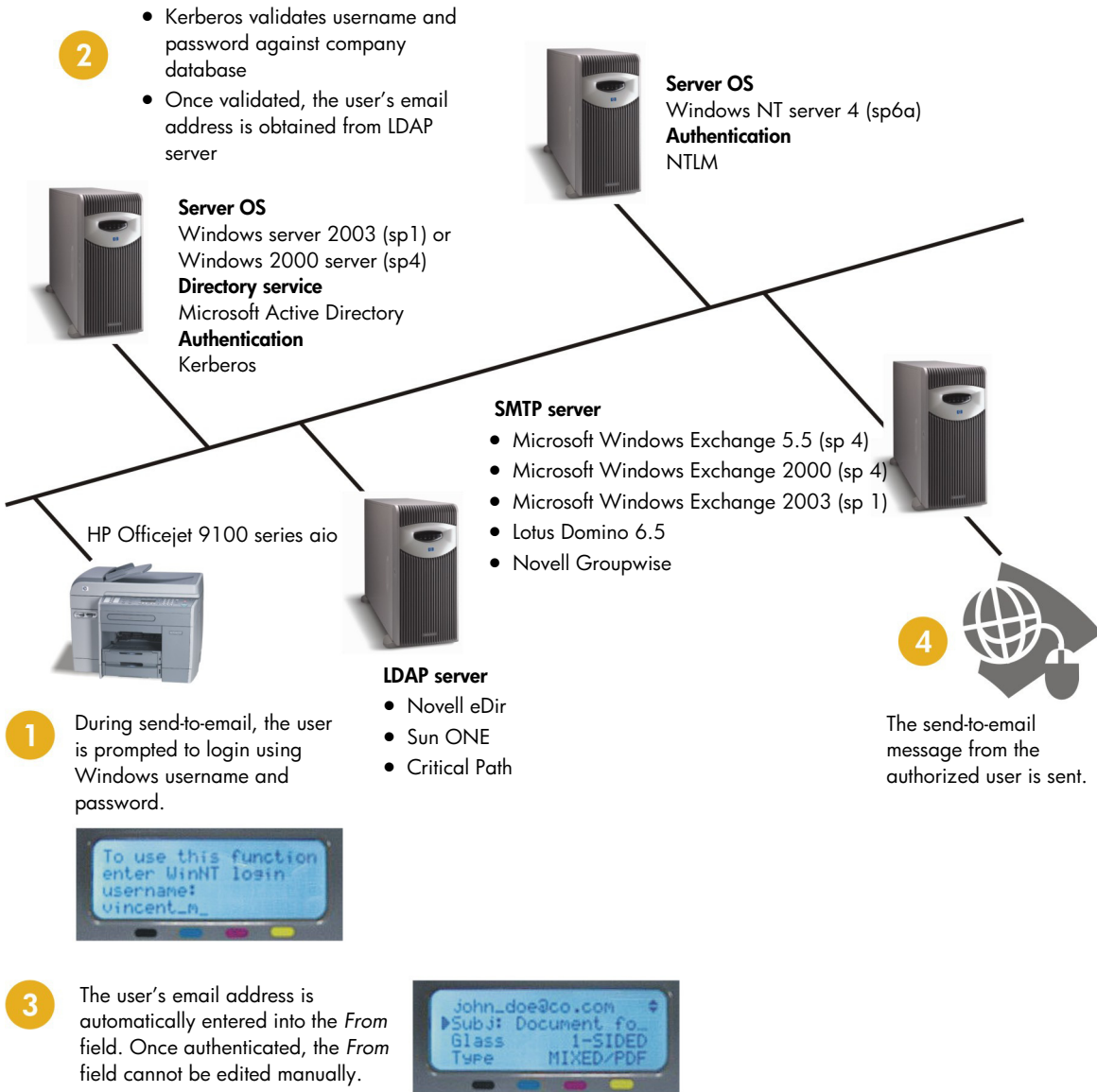
4-line LCD displays email addressing

Built-in keyboard enables Windows domain username to be entered easily

HP Jetdirect print server

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2
- Kerberos validates username and password against company database
- Once validated, the user's email address is obtained from LDAP server

Server OS
Windows NT server 4 (sp6a)
Authentication
NTLM

Server OS
Windows server 2003 (sp1) or Windows 2000 server (sp4)
Directory service
Microsoft Active Directory
Authentication
Kerberos

SMTP server
- Microsoft Windows Exchange 5.5 (sp 4)
- Microsoft Windows Exchange 2000 (sp 4)
- Microsoft Windows Exchange 2003 (sp 1)
- Lotus Domino 6.5
- Novell Groupwise

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The send-to-email message from the authorized user is sent.

LDAP server
- Novell eDir
- Sun ONE
- Critical Path

1
During send-to-email, the user is prompted to login using Windows username and password.

```
To use this function
enter WinNT login
username:
vincent_m_
```

3
The user's email address is automatically entered into the *From* field. Once authenticated, the *From* field cannot be edited manually.

```
john_doe@co.com     ◆
▶Subj: Document fo…
Glass          1-SIDED
Type      MIXED/PDF
```

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Technical specifications

Product	HP Officejet 9100 series Digital Send Authentication Solution
Product number	C8267A (Europe and Americas) C8268A (Asia) C8268A #AB2 (China)
Component requirements	HP Officejet 9100 series all-in-one HP Digital Send Keyboard (C8240A) One of the following HP Jetdirect print servers: HP Jetdirect 620n Fast Ethernet print server (J7934A), HP Jetdirect 680n 802.11b wireless print server (J6058A), or HP Jetdirect 615n Fast Ethernet print server (J6057A)
Connectivity	
Server operating system requirements	Microsoft Windows Server 2003 (with Service Pack 1), Microsoft Windows 2000 Server (with Service Pack 4), or Microsoft Windows NT Server 4.0 (with Service Pack 6a)
Directory service system requirements	Microsoft Active Directory in the following network operating systems: Microsoft Windows Server 2003 (with Service Pack 1) or Microsoft Windows 2000 Server (with Service Pack 4) LDAP version 3.0 Server (basic features): Microsoft Windows 2000 Active Directory, Microsoft Windows 2003 Active Directory, Novell eDir, Sun ONE, or Critical Path
SMTP server requirements	Microsoft Windows Exchange 5.5 (with Service Pack 4), Microsoft Windows Exchange 2000 (with Service Pack 4), Microsoft Windows Exchange 2003 (with Service Pack 1), Lotus Domino 6.5, or Novell Groupwise
Memory specifications	
Memory	64 MB
Form factor	100-pin DIMM
Technology	SDRAM
Data rate	100 MHz/PC100
Environmental specifications	
Recommended operating temperature	15° to 35° C (59° to 95° F)
Operating temperature	0° to 65° C (0° to 149° F)
Storage temperature	-55° to 150° C (-67 to 302° F)
Recommended relative humidity	15 percent to 80 percent noncondensing
Storage relative humidity	Less than or equal to 80 percent noncondensing
Physical specifications	
Dimensions (W x D x H)	29.36 x 90.34 x 3.18 mm (1.16 x 3.56 x 0.13 inches)
Weight	10 g (0.35 oz)
Language support	English, French, German, Spanish, Italian, Swedish, Danish, Norwegian, Dutch, Finnish, Portuguese, Polish, Czech, Hungarian, Turkish, and Greek.
Service and support	1-year warranty

For more information visit our website at www.hp.com/support/Officejet9100

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