FAX OVER IP

Completing the Unified Communications Picture

LANE

Excellent unified communications platforms such as Avaya Aura go beyond existing telephony and data communications networks to bring together voice, messaging, email and voicemail. In the drive to unify communications, fax has been somewhat overlooked, despite its business-critical role for many major international organizations.

Lane's Passport Fax Server plays a pivotal role in fully automating and integrating all aspects of the communications infrastructure; seamlessly and securely exchanging documents and business information throughout the entire organization and interfacing with familiar desktop applications and back-office systems.
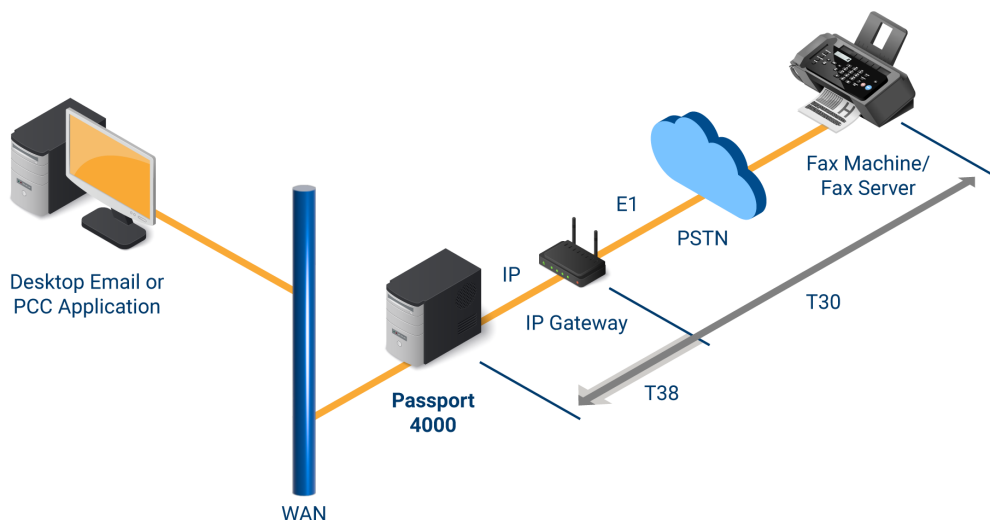
Bringing Fax into a Single Converged Network

Where fax is managed within an enterprise, the next logical progression is to move fax communications fully onto the IP network through the introduction of Fax over IP (FoIP).

- **Lower Operating Costs:** Integration of data, voice and fax communications over the IP network allows support resources and personnel to remain focused on the data network which reduces costs.

- **Easier Deployment and Maintenance:** In VoIP/FoIP environments the location of the IP fax server is independent of the PSTN network access point. The fax processing resources simply need access to a data network, LAN or WAN where the gateway resides.

- **Better Disaster Readiness:** Fax server deployment can be reduced to one or two strategically located data centers so rapid response support is significantly reduced and the fax servers can be located in the most secure and stable environments.

- **Least Cost Routing:** Companies can route calls and faxes across their WANs to avoid any long distance call charges and to improve customer service by using local fax numbers in each country.

How Passport Fax Over IP Works

The diagram below shows how the Passport 4000 solution uses Fax over IP in a typical network infrastructure.
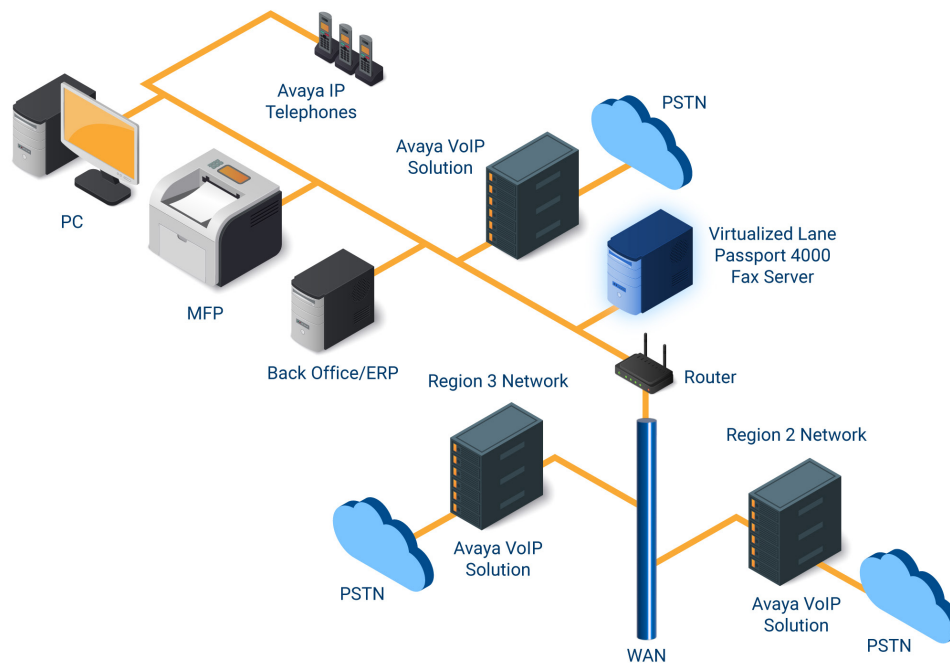

Desktop Email or PCC Application

WAN

Passport 4000

IP

IP Gateway

E1

PSTN

Fax Machine/ Fax Server

T30

T38

The organization in the diagram below has an Avaya VoIP solution in place linking its multiple international offices and has implemented FoIP with a virtualized Lane Passport Fax Server.

- **Enhanced Business Productivity:** Investment in FoIP solutions provides an opportunity to integrate communications and document management more fully into corporate workflows, and to fully integrate Multi-functional Peripherals.

- **Virtualization:** Software only FoIP solutions that are compliant with leading manufacturers of virtualization software, such as Lane's Passport Fax Server, can coexist in a virtualized environment thus reducing energy costs and expensive data center rack space.

Powerful Avaya Integration

Lane's Passport Fax Server integrates with Aura Communications Manager™, Aura System Manager, Session Manager, Servers and Media Gateway to deliver a fully-integrated Fax over IP solution. Lane provides support to Avaya channel partners and direct to end users to ensure a seamless integration of its Fax over IP systems.

About Lane

Lane has been at the forefront of messaging communications for over 46 years and is now recognized internationally as a leader in fax integration across the financial, healthcare, manufacturing and transport industries. Based in the UK, US and Singapore, Lane has implemented systems across 50 countries and provided professional services in all time zones.

Lane offers the very best solutions for integrating fax servers as a part of wider communications networks. Lane delivers fax and messaging systems across entire organizations and into consolidated data networks, across one site, many sites or across borders.

For more information on Lane solutions, visit laneds.com.

About Avaya

Avaya is a global leader in enterprise communications systems. The company provides unified communications, contact centers, and related services directly and through its channel partners to leading businesses and organizations around the world.

Enterprises of all sizes depend on Avaya for state-of-the-art communications that improve efficiency, collaboration, customer service and competitiveness.

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