

# Novell iPrint: Overview / Use Cases

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# iPrint Product Overview

# Enterprise Class Print Service

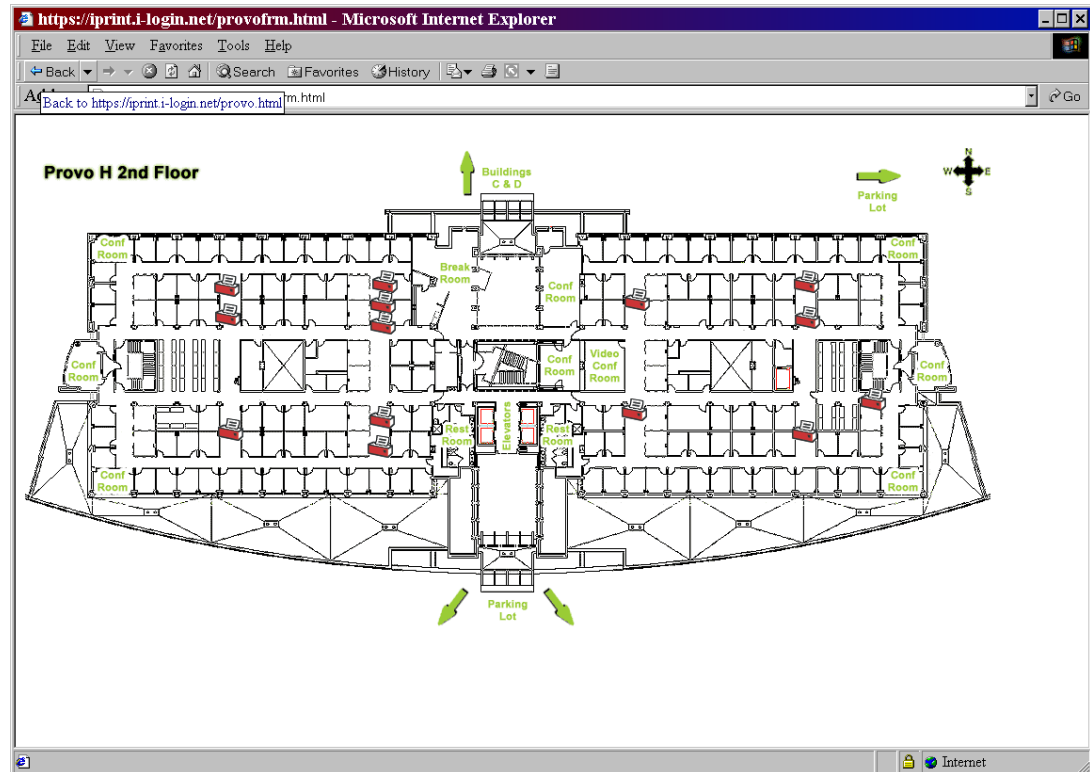
- Novell iPrint lets mobile employees, business partners, and customers securely access print resources from a variety of local and remote locations using existing Internet connections.

# User-Friendly Print Environment

- iPrint makes printing resources instantly accessible through the Web Browser. With a few mouse clicks, users can locate and install printers to their desktop.

## Typical Self-Service Example

- 1) Navigate browser to printer map
- 2) Find desired Printer
- 3) Click on Printer
- 4) Driver downloads automatically
- 5) Printer is installed on desktop
- 6) Printer ready for printing



# Secure, Fault-tolerant, Flexible

- iPrint was designed and built from the ground up with security in mind. iPrint provides encryption, authentication, and authorization / access control for those looking to a highly secure environment.
- iPrint provides fault-tolerance and flexibility for Administrators and can be configured for clustered environments, virtual environments and standalone print services.

# Broad Support

- iPrint provides integration with the most prevalent client operating environments (Windows, Mac, Linux) and uses the industry standard Internet Printing Protocol (IPP) as its foundation.
- iPrint supports all printer vendors and provides a consistent management infrastructure to manage devices, drivers and users across multiple operating platforms and environments
- iPrint integrates with several Accounting and Document management vendors

# Typical iPrint Use Cases

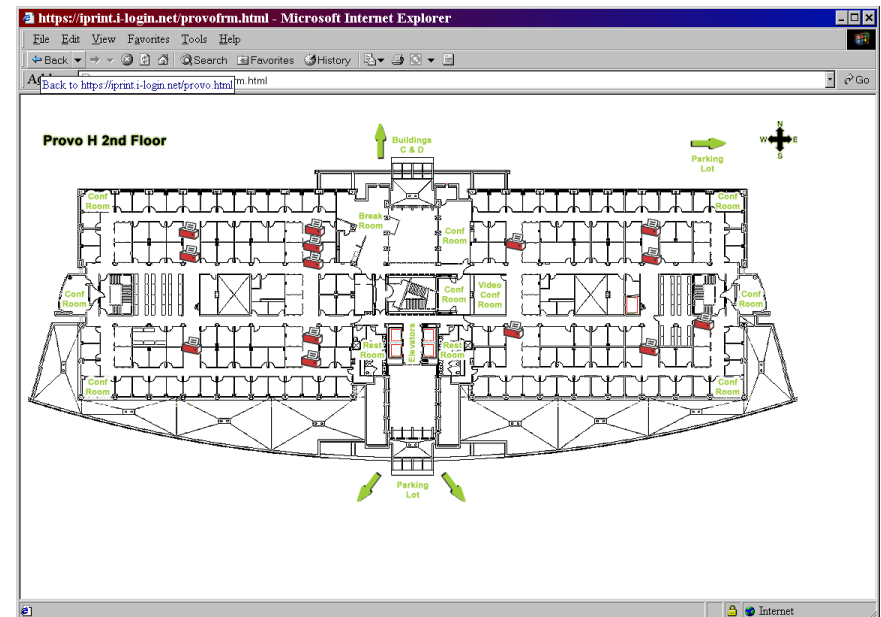
The bottom of the slide features a series of five horizontal white lines of varying lengths and positions, creating a decorative, layered effect against the blue background.

# Scenario: Enterprise Printing

- I have a large enterprise that is distributed over many locations around the globe. The organization has 50,000 users and prints heavily to around 5,000 printers. My users print from Windows XP, Vista, 7, Mac, and Linux workstations. I need a scalable solution that is fault-tolerant, clustered, provides load-balancing capabilities, and will provide a single management interface for my varied print hardware vendors and workstation platforms.

# Scenario: Self-Service Printing

- I have an environment where mobile users need access to my local network (from the public Internet) to use my printers, but I do not want to grant them access to any other services. They need to be able to locate, install and print to these devices without my assistance.



# Scenario: Charge For Print

- I have many printers distributed around campus and I want to be able to charge users for their printing needs. I would like the accounting framework to work with my current operating environment and users. I expect that the system will check the user balance, deduct the print fee, and print the job. Some locations may have print release stations and others may just be lab-type printers where I just want the users to print and be charged for the service.

NOTE: iPrint has full integration with PaperCut, Equitrac and Pcounter accounting solutions.

# Scenario: Secure Printing

- I am a government agency that needs secure printing that will encrypt my print data (SSL), authenticate my users with an LDAP directory store, and also provide access control to my printers. I need to be able to manage this across a large number of printers, users and sites.

# Scenario: User Desktop Management

- I have a large enterprise with a user base of more than 50,000. I want a system that will automatically push printers out to my users based on policies that I control. I also want to push printer settings (trays, paper sizes, color/bw, ...) to the workstation and have them automatically update when I (Administrator) change printer settings, update drivers, and move printers from one server to another or from one location to another.

# Scenario: Health Monitoring / Printer Management



- My organization has more than a 1000 printers (from many different vendors) and I want to be able to see the health of all printers from a single consolidated web page in the browser. If I bring one printer down for maintenance, I want users to be auto-redirected to another printer that I specify. I should also be able to have this printer in a “printer pool”, in which case, printing would just occur on another printer in the pool.

# Scenario: Branch-Office Printing

- I have a large corporation that has many small branch office locations all around the globe. I don't want to install and manage a server at these locations, but I do want to manage the local printers from my central location. I want to configure the printers, drivers, and users from the central office and then just let the users install and print to the devices without data going over the WAN or Internet (for security reasons).

Questions

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