

iPrint and NDPS Security

Each NDPS Printer Agent has three security levels, High, Medium and Low. The behavior of the printer agent at each of these security levels is defined below:

With security set to High the printer agent retrieves the appropriate NDS user object. The printer agent then determines the user's access level (None, User, Operator, ...) to the printer agent by accessing the roles assigned to that NDS user object. All iPrint access to a printer agent at this security level requires SSL with user authentication so that the server side components can retrieve and validate the NDS user object.

Printer agents with security set to Medium have two behaviors depending on circumstance. One, if an NDS user object is supplied, the printer agent trusts the NDS user object passed in by the application. The printer agent then determines the user's access level to the printer agent by accessing the roles assigned to that NDS user object. Two, If no NDS user object is supplied, the printer agent assigns an access level of User.

Printer agents with security set to Low have no server side security enforced. This means that all users on the network have the equivalent of Manager access to the printer and can modify settings on the printer or manage any job sent to the printer.

When enabling a printer agent as an iPrint printer you have the choice of requiring SSL with authentication or not by checking the appropriate options in the IPP Support dialog. The following table indicates the behavior of the iPrint print system as determined by the printer agent security level and the SSL/authentication requirement selected.

	SSL / Authentication	No SSL / Authentication
High	Access Control	Not Supported, Will return an error
Medium	Access Control	Access Always User Role
Low	No Access Control	No Access Control