



# Tech Info Library

## PowerShare Server: Authentication Services (9/93)

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Security: Everyone

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TOPIC -----

This article describes the PowerShare Server's Authentication Services.

DISCUSSION -----

The authentication service allows collaborating users and applications to interact over a network by positively verifying the identity of each party. This verification protects against unauthorized access by parties masquerading as legitimate users or services.

In providing the authentication service a PowerShare Catalog Server acts as a trusted third party by maintaining an authentication key for each user, application, or other entity that has a record in the catalog. Collaborative services and applications will use the Catalog Server to authenticate themselves in order to communicate with other users and services. Once an authenticated session is established, transmissions across the network are encrypted to prevent unauthorized tapping of the network media.

PowerShare authentication and privacy services permit collaborative applications to securely exchange and transmit sensitive information such as financial records or personnel information.

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