Questa sezione descrive user accounts e groups utilizzati da System Platform e divisi per prodotto

Application Server OS Groups and Accounts

Per System Platform 2023 R2 SP1, Application Server crea e utilizza i seguenti user accounts, service accounts, e user groups

Name	Category	Description
aaConfigTools	Group	Provides permissions to users to connect to a Galaxy from the IDE.
aaRuntimeUsers	Group	In systems where NMX communications have been restricted through a Configurator setting, membership in the aaRuntimeUsers group allows the user or account to access the Network Message Exchange (NMX) for communication between nodes. For details about this Configurator setting, see Communications tab.
Performance Monitor Users	Group	Membership in the Performance Monitor Users group allows the Network Account to function without elevated privileges. See Network Account Membership, below, for more information.
PSMS Administrators	Group	Membership in the PSMS Administrators group allows the Network Account to function without elevated privileges. See Network Account Membership, below, for more information.
aaGalaxyOwner	User Account	This user account is the owner (dbo) of all Galaxy databases in your system.
NT SERVICE\ aaPIM	Windows Service Account	This is the platform installation manager. It is responsible for installing platforms. It is added to the Administrators group as a service account.

Network Account Membership

L'account di rete, noto anche come account ArchestrA, viene utilizzato per le comunicazioni off-line tra i nodi della piattaforma di sistema. Per supportare Application Server, potrebbe essere membro di alcuni o di tutti i seguenti gruppi di sistemi operativi, con i requisiti e le limitazioni descritti di seguito. Notare che l'appartenenza ad alcuni di questi gruppi dipende dal fatto che si tratti o meno di una nuova installazione o di un aggiornamento di una versione precedente di System Platform.

Group Name	Description
Administrators	The Network Account will be part of the Administrators group ONLY if you are upgrading from System Platform 2017 Update 2 or prior release. If only Application Server is installed, you can remove the Network Account from this group.
Distributed COM Users	The Network Account will be part of the Distributed COM Users group ONLY if you are upgrading from System Platform 2017 Update 2 or prior release. If only Application Server is installed, you can remove the Network Account from this group.
Performance Monitor Users	This is a new OS Group added for System Platform 2017 Update 3 and later releases. It allows the Network Account to function without elevated privileges. Do not remove this group, and do not remove the Network Account from this group.
PSMS Administrators	This is a new OS Group added for System Platform 2017 Update 3 and later releases. It allows the Network Account to function without elevated privileges. Do not remove this group, and do not remove the Network Account from this group.

InTouch HMI OS Groups and Accounts

Per System Platform 2023 R2 SP1, Intouch HMI crea e utilizza i seguenti user accounts, service accounts, e user groups

Name	Category	Description
aaInTouchUsers	Group	Membership in this user group is required for viewing graphics from an application in the web browser.
ArchestrA WebHosting	Group	This user group supports the HTTPS protocol for the InTouch Web Client.
ASBSolution	Group	This user group provides the File System and Registry permissions required by the PCS Framework.
Administrators	Group	The Network Account may be included in the Administrators group if you have upgraded from version System Platform 2017 Update 2 or earlier.
NT SERVICE\ InTouchData Service	Windows Service Account	This Service Account is used by the InTouch Web Client or AVEVA OMI ViewApps to access InTouch tags.
NT SERVICE\ InTouchWeb	Windows Service Account	This Service Account is used by the InTouch Web Client to browse application graphics from a web browser.

InTouch Web Client OS Groups and Accounts

Per supportare il protocollo HTTPS per InTouch Web Client, i Service Accounts aggiunti per InTouch HMI fanno parte dei seguenti gruppi di sistemi operativi:

Group	Account	Description
ArchestrAWeb Hosting	InTouchData Service InTouchWeb	You can remove these service accounts from this group if you are not using the InTouch Web Client or accessing InTouch tags from an AVEVA OMI ViewApp.
ASBSolution	InTouchData Service InTouchWeb	You can remove these service accounts from this group if you are not using the InTouch Web Client or accessing InTouch tags from an AVEVA OMI ViewApp.
Performance Monitor Users	Network Account	This is a new OS Group added for System Platform 2017 Update 3 and later releases. It allows the Network Account to function without elevated privileges. Do not remove this group, and do not remove the Network Account from this group.
PSMS Administrators	Network Account	This is a new OS Group added for System Platform 2017 Update 3 and later releases. It allows the Network Account to function without elevated privileges. Do not remove this group, and do not remove the Network Account from this group.

Historian Server OS Groups and Accounts

Per System Platform 2023 R2 SP1, Historian Server crea e utilizza i seguenti user accounts, service accounts, e user groups

Name	Category	Description
aaAdministrators	Group	This user group provides read/write access for Historian Data, Batch Logon Privilege, write access to System Platform registry hive and additional privileges on Runtime Database. A SQLServer service account (MSSQLServer) is added to this group to allow permitted users to perform data insertion to Historian through SQL.
aaPowerUsers	Group	Membership in this user group provides read/write access for Historian Data and Batch Logon Privilege. This user group also supports the HTTPS protocol for the InTouch Web Client.
aaReplicationUsers	Group	Membership in this user group allows its members to replicate data (Tier 2), and provides Batch Logon privilege.
aaUsers	Group	Membership in this user group provides read access for Historian data.
NT SERVICE\aahClientAccessPoint	Windows Service Account	The Client Point Access Point Service is the data ingest layer.
NT SERVICE\aahSearch Indexer	Windows Service Account	The Search Indexer Service indexes the tags to Historian Server.
NT SERVICE\InSQLConfiguration	Windows Service Account	The configuration service manages configuration of the historian and general runtime operation.
NT SERVICE\InSQLEvent System	Windows Service Account	The event system service is the account for the Classic Event System service. It detects user-defined events and performs specified actions.
NT SERVICE\InSQLManual Storage	Windows Service Account	The Historian Manual Storage service processes late, forwarded, CSV, and manually updated/inserted data.

Name	Category	Description
NT SERVICE\ InSQLStorage	Windows Service Account	The Historian Storage service is the Classic Storage Service that transforms data from the legacy IDAS service.
NT SERVICE\ InSQLIndexing	Windows Service Account	The Historian Indexing service is for indexing the History Blocks.
NT SERVICE\ InSQLIOServer	Windows Service Account	The Historian IOServer is the Classic IO Service that provides access to data through Suitelink.
NT SERVICE\ InSQLSystemDriver	Windows Service Account	The Historian System Driver Service captures data for System Tags and generates diagnostic information.
NT SERVICE\ aahInSight	Windows Service Account	The aahInSight Service is for AVEVA InSight.
NT SERVICE\ aahSupervisor	Windows Service Account	The aahSupervisor Service is for the InSight Publisher host process.

Historian Account Group Membership

I seguenti account e gruppi supportano la funzionalità Historian:

Group	Account	Description
ArchestrAWeb Hosting	aahClientAccessPoint	aahClientAccessPoint is added to this group to allow access to the PCS certificate used for encrypting the transport.
	InSQLIOServer	InSQLIOServer is added to this group to allow Secure Suitelink communication.
Performance Monitor Users	Historian Service (multiple Windows Service Accounts)	The Historian services are added to this group to acquire the performance counter information that will be historized as system tags.
Performance Log Users	Historian Service (multiple Windows Service Accounts)	The Historian services are added to this group to allow logging performance counters.

Platform Common Services Accounts and OS Groups

Per System Platform 2023 R2 SP1, Platform Common Services crea e utilizza i seguenti account utente, service
account e gruppi di utenti.

Name	Category	Description
AsbCoreServices	Group	This user group contains the file system and registry permissions required by the core services of the PCS framework. Since these processes are started by the AVEVA Watchdog, the only user account in this group should be the NT SERVICE\Watchdog_Service virtual service account.
ArchestrAWeb Hosting	Group	Members of this user group can listen to the shared HTTP (default=80) and HTTPS ports (default=443). Members of this group also have access to the private key of the security certificate used to bind to the HTTPS port. To enable a secure SuiteLink connection, add the standard user to this group on the server side. For details, see "Secured SuiteLink Connection" in the *AVEVA Communication Drivers Pack User Guide*, available at [Installation Media]\InstallFiles\CD-OIEngine\Docs\OICore.pdf

Name	Category	Description
ASBSolution	Group	Membership in this user group provides the File System and Registry permissions required by the PCS Framework.
NT SERVICE\ Watchdog_Service	Windows Service Account	Watchdog_Service runs as a high-privileged virtual service account. The group policy for this service requires AeServiceLogonRight.
NT SERVICE\ AsbService Manager	Windows Service Account	AsbServiceManager runs as the low-privileged virtual service account. The group policy for this service requires AeServiceLogonRight.
ASBCertificate RenewalService	Local Service Account	ASBCertificateRenewalService runs a local account, and is normally in a stopped state. It is only triggered by the Asb.Watchdog process, based on the validity of the local certificate. When the certificate is renewed, the service is stopped. The group policy for this service requires AeServiceLogonRight.
NT SERVICE\ AIMTokenHost	Windows Service Account	AIMTokenHost runs as a virtual service account once the System Management Server is configured. This is for the PCS.IdentityManager.Host.
NT SERVICE\ ArchestraData Store	Windows Service Account	ArchestraDataStore runs as a virtual service account. It starts and should continue to run once the installation is complete.

PCS Account Group Membership

I seguenti account e gruppi supportano la funzionalità Historian:

Group	Account	Description
ArchestrAWeb Hosting	AIMTokenHost	All processes which need access to the private key of certificates should be part of the ArchestrAWebHosting user group.
	AsbService Manager	To enable a secure SuiteLink connection, add the standard user to this group on the server side. For details, see "Secured SuiteLink Connection" in the *AVEVA Communication Drivers Pack User Guide*, available at [Installation Media]\InstallFiles\CD-OIEngine\Docs\OICore.pdf.
ASBSolution	InTouchData Service	These two Windows Service Accounts are not technically PCS services, but are added to this group to support the InTouch Web Client.
	InTouchWeb	

Group	Account	Description
Users	AsbService Manager	NT SERVICE\AsbServiceManager is added to Users group is for backward compatibility. The legacy ASBService user was part of the Users group, and was replaced by the AsbServiceManager as of ASB version 4.2. If not needed for compatibility, AsbServiceManager can be removed.

AVEVA License Manager OS Groups and Accounts

Per System Platform 2023 R2 SP1, AVEVA License Manager installa il seguente gruppo utenti. Nessun utente viene aggiunto al gruppo di default. Questo gruppo può essere eliminato se gli utenti accedono al License Server e al License Manager come amministratore di quel computer.

Name	Category	Description
AELicMgr	Group	Members of this group are granted non-administrator permission to access the License Server and/or License Manager installed on that node.

System Monitor OS Groups and Accounts

Per System Platform 2023 R2 SP1, AVEVA System Monitor crea e utilizza i seguenti account di servizio.

Name	Category	Description
NT SERVICE\ psmsconsolSrv	Windows Service Account	These Windows services are added to the local Administrators user group when System Monitor is installed.
NT SERVICE\ simHostSrv		
NT SERVICE\ adpHostSrv		