

## Approved Electronic/Digital Signature Software

A secure electronic signature must be unique to the person making the signature; the technology or process used to make the signature must be under the sole control of the person making the signature; that specific technology or process must have the capability to be used to identify the person; and the electronic signature can be linked with an electronic document in a way that will allow one to determine if the document has been changed since the signature was attached to it.

App Name	Type of User Validation	Notes
Paramount Workplace	Active Directory (App Login)	Purchasing requests, approvals, PO generation, expense claims
MS Outlook/Exchange	Active Directory (App and/or windows Login), Corporate Licensing	Process approvals given via email
K2 Forms	Active Directory (App Login)	Isolated travel, capital forecasting, employee recognition, TIPS, Computer Access
Adobe Acrobat	Active Directory (Windows Login) and/or Signed Digital Signatures with approved certificates	Electronic form creation, completion, signing
GuideTi/CMMS	Active Directory (Citrix & App Login)	Operational Work order approval, assignment, tracking
Penny (Timesheets)	Active Directory (App Login)	Employee leave & time submission & approval
Dynamics GP	Active Directory (Citrix & App Login)	CSOs, Customer Billing
Skype for Business	Active Directory (App Login), Corporate Licensing	Process approvals given via IM, Video conference
Teams	Active Directory (App Login), Corporate Licensing	Process approvals given via IM, Video conference
Mobile Apps (IOS and Android)	Active Directory (App Login)	K2, Outlook, GuideTi (Citrix), Dynamics (Citrix), Skype for Business, Teams, Penny (Citrix)
Active Directory Certificate Services	Active Directory authenticated certificate deployment.	See approved Root and Intermediate Certificate Tables

## Root Certificates

Name	Details
NTPCRootCA	Valid Until September 16, 2025 Serial #: 2bf00c4aab0e5d8542bd99141dc5e5df Thumbprint: 78d67917926a662b674b05bcf6aaf2dfd574c1f1
NTPCROOTCA	Valid Until November 5, 2045 Serial #: 629b9a0fd8cb0d8844fc979865945cd4 Thumbprint: 05f3764899fc25b3ec8bd33f3bcaa744d1f4d75d

## Intermediate Certificates

Name	Details
NTPCENTCA	Issuer: NTPCROOTCA Valid Until November 5, 2045 Serial #: 2600000002fb8b3515bef4cc44000000000002 Thumbprint: 44b3978761d8fb7445253cb25763f36b1cde5531

## Revision History

Date	Revision #	Description of Change
May 1, 2018	0	Creation of original listing
October 13, 2021	1	Addition of Teams, Expense Claims, Approved Certificates and Certificate Table