Where FormaTools data lives

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The Windows app runs locally. Autodesk holds the project models. Azure supports sign-in, licensing and project services.

Published model content streams directly from Autodesk to the local viewer

Your computer

Runs locally

3D viewer, opening matching
and clash checks

Local settings and sign-in

Units, display and report preferences
Windows-encrypted sign-in credential
No application secret or license key

Working model data

Models stream from Autodesk.
Geometry is processed locally.
Temporary viewer/browser cache may exist.

Your exports

Reports and CSV files are saved
to the location you choose.

Sign-in, project and review requests/results

FormaTools on Azure

Online service

Autodesk sign-in and identity checks
License enforcement
Project metadata and review requests

Azure Key Vault

Autodesk application secret
Session encryption key
Website connection-signing key

Private Azure Blob storage

Encrypted Autodesk session data:
identity, access and refresh tokens.
Sign-in sessions last up to 14 days.

Memory during use

Active requests and brief license cache.
Azure is not a BIM model repository.

Identity, project metadata and review data

Autodesk cloud

Project storage

Published BIM models and properties

Opening workflow, comments
and approval history

Generated approval-exchange BCF files

License request and decision: ID, email, product and app version

TiMBIM licensing website

Licenses and assigned seats

Assigned emails and product coverage
License keys, status and expiration
Validation history

Private server connection key

BIM checks stay on your computer.

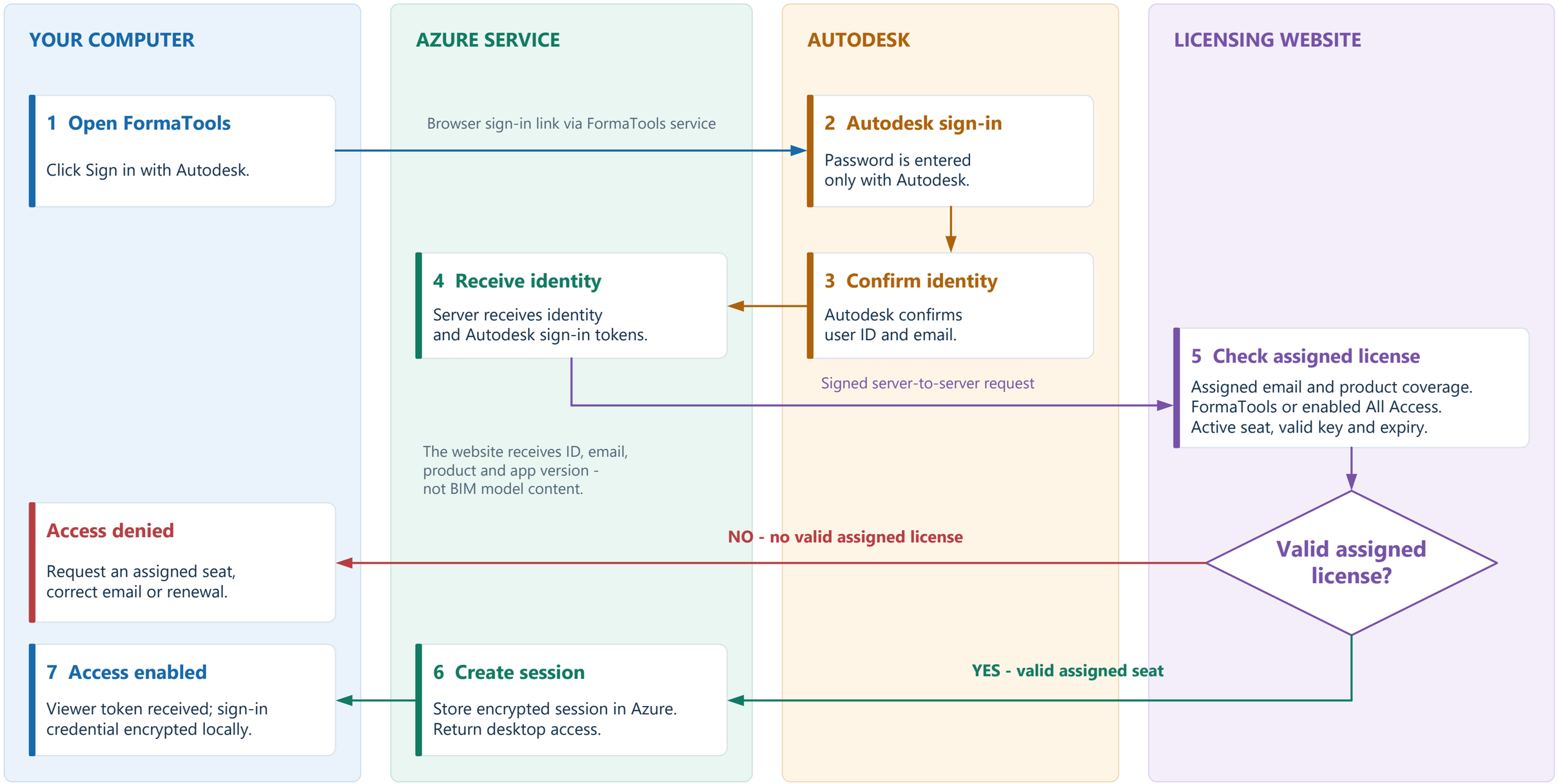
Project models stay in Autodesk.

Metadata and opening reviews pass through the Azure service.

How sign-in and license checks work

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Users sign in with Autodesk. The website validates their assigned license internally - no license-key entry in the desktop app.



During use: access is checked again

Protected requests are checked again. A successful license check can be reused for up to 60 seconds. When no valid license can be confirmed, new protected requests are denied.

A license does not grant project access

Autodesk permissions still apply. Approval and workflow actions also require the assigned project/reviewer role.