PDL Sync
Portable Data Loader Synchronization Solution

- Lightweight solution for Electronic Distribution of Loadable Software Aircraft Parts

- User errors minimized, load time improved

- Eliminates need for physical media

- Up-to-date software parts stored at a central location and on individual PDLs

- Tracking and reporting of all data loading activities on entire fleets

- Automatic verification of aircraft configurations and reporting of configuration issues

- Compatible with all PDL models (including secure GARDT PDLs)

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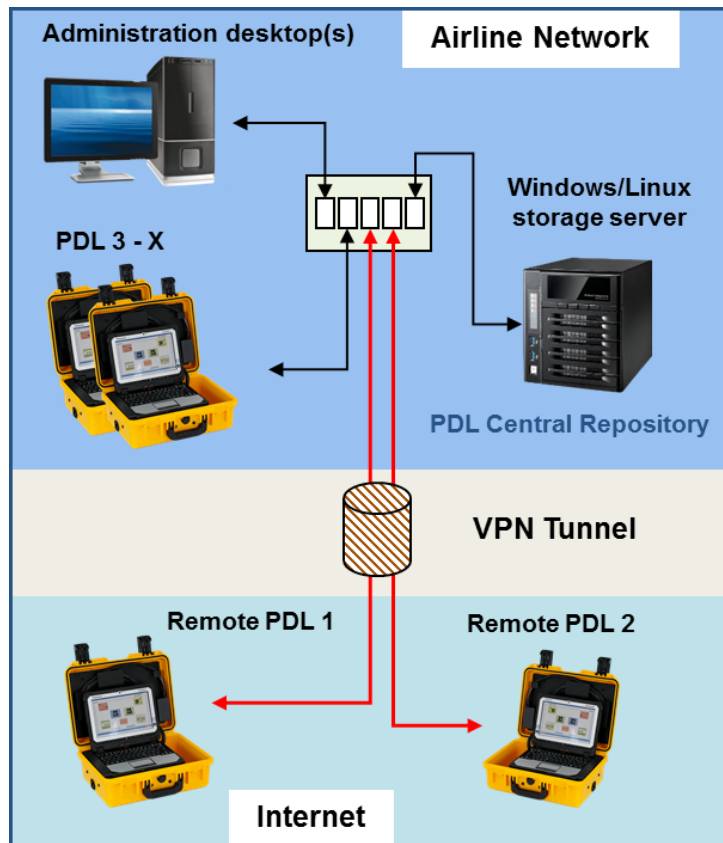
techSAT
A NEXEYA company

Application Scope

The combination of PDL Synchronization Server and PDL Synchronization Client(s) forms a lightweight solution that integrates seamlessly with TechSAT's existing PDL software and requires little effort to integrate in an airline/MRO environment.

The **PDL Synchronization Server** software is a front-end application used to manage the PDL central repository. It provides the following functions:

> Management of the PDL parts library (adding / deleting aircraft parts, assigning A/C tail numbers to aircraft parts)
> Monitoring of the load results from all PDLs, access to the load files (e.g. NVM download files)
> Management of A/C tail numbers and software configurations

The **PDL Synchronization Client** is used to synchronize a PDL with the PDL central repository.

Synchronization Features

The PDL Synchronization solution provides the following features:

> Electronic distribution of up-to-date software parts to all PDLs (via network, Wi-Fi, or 3G)
> Transfer of load results from all PDLs to the central server
> Incorporation of aircraft software configuration management into PDLs
> Log of configuration changes and report of current configuration at aircraft level

Supported Architectures

The PDL Synchronization solution is based on the exchange of files between the PDLs and the data storage server, supported architectures include shared folders, ftps protocol and cloud storage solutions.

Typical PDL Synchronization Architecture

Technical Data

Supported I/O

■ PDL Mk.II (PN 403474)
■ PDL Mk.III (PN 404562)
■ PDL M.II GARDT (PN 403475)
■ PDL Mk.III GARDT (PN 403561)

Operating System Options

■ Windows® 7 32 bit
■ Windows® 7 64 bit
■ Windows® 10 64 bit
■ Linux (only for data storage)

Part Numbers

■ 202189 – PDL Sync Server
■ 202190 – PDL Sync Client

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