

FOR MACHINE BUILDERS ON SOLIDWORKS PDM PROFESSIONAL & AUTODESK VAULT PROFESSIONAL

RFQs out the day engineering releases the machine.

Two tools for SolidWorks PDM and Autodesk Vault. VaultPull takes your purchasing list and pulls every PDF, STEP and DXF out of the vault in seconds. PartRoute reads each drawing, tags it by process and writes material, thickness, weight and other quoting data to a spreadsheet, so supplier packages are sorted and RFQ lines are filled before your buyer opens a single file. Both run entirely on your network. Nothing leaves after setup.

30 sec

300 DRAWINGS, ALL FILES

1 Morning

RELEASE TO PACKAGES, WAS 3 DAYS

Daily Use

AT MACHINE BUILDERS

\$15K+/yr

BUYER TIME AT 1 MACHINE/MO

Local

100% ON YOUR NETWORK

The problem every release starts with

One part number at a time

Purchasing gets 300 part numbers. The buyer searches PDM for each, waits, copies PDF, STEP and DXF into a folder, repeats. 60–90 seconds a part. Most of a day per machine; two to three days for a 700 part pull.

Then open each drawing to sort it

Sheet metal to the laser shop, machined to the machine shop, weldments to the fabricator. A judgment call per drawing, hundreds of times, before a single RFQ goes out.

The tools

VaultPull

BULK DRAWING RETRIEVAL FROM PDM

Give it the purchasing list. It pulls every file for those parts, and only those parts, from SolidWorks PDM or Autodesk Vault into a structured folder, ready to send.

- Reads your part list, not the full BOM
- Handles prefix and revision variations
- Skips parts that don't need quoting
- SolidWorks PDM Professional and Autodesk Vault Professional

300 in 30 sec

700 IN A MINUTE AT A CLIENT VAULT. NO CAP ON LIST SIZE

PartRoute

PROCESS CLASSIFICATION AND DATA EXTRACTION · 100% LOCAL

Reads each drawing VaultPull delivered and tags it: sheet metal, machined, 3D printed, weldment, purchased. Writes material, thickness, weight and your chosen fields to a CSV or Excel sheet, one row per part. The buyer sorts the set and sends RFQs with line items already filled.

- Trained on your drawing standards and title blocks
- Categories match your supplier base
- New part types added as they appear
- Runs on your network; your drawings and the output stay yours

Sorted and tabulated

BEFORE THE BUYER OPENS A FILE

IN DAILY USE

In daily use at machine builders. Every release.

Agricultural Machine Builder

SOLIDWORKS PDM · VAULTPULL · ~1 MACHINE PER MONTH

Before. Each release went to purchasing as roughly 300 part numbers. A buyer searched PDM one number at a time and copied three files per part into a quote folder. Most of a day per machine; two to three days for the occasional 700 part pull.

Now. The buyer drops in the purchasing list. VaultPull returns every file in 20–30 seconds. Quotes go out the same day the machine is released.

~80 hrs / yr

BUYER TIME RETURNED, BEFORE REVISIONS

Daily use since installation. Setup: part number rules validated week one, full release week two. No change to how engineering works in PDM.

Bakery Automation Equipment

AUTODESK VAULT · VAULTPULL + PARTROUTE

Before. Several hundred drawings per system across machined parts, sheet metal, weldments and purchased components. Retrieval took most of a day; then every drawing had to be opened to decide which supplier should quote it, two to three more days.

Now. VaultPull returns the set in about a minute. PartRoute tags every drawing by process and writes material and dimensions to a sheet. Supplier packages are assembled the same morning.

3 days → 1 morning

RELEASE TO SUPPLIER PACKAGES

Both tools in regular use on every release. Classification refined with the client as new part types appear.

How it starts: run it on your next machine, decide after

01

20 MINUTE DEMO

See both tools run on a live vault. Bring a part list and we'll map it to your part numbers.

02

SETUP, WEEK 1–2

Vault access validated. Part number rules configured. PartRoute trained on about 200 of your drawings across part types, shared under the SOW confidentiality terms and deleted at handover.

03

LIVE RELEASE

Your buyer runs it on the next machine. You measure the hours. Support included.

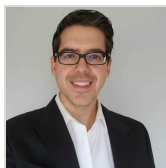
04

LICENSE OR WALK

If it earned its place, the annual site license starts: setup fee plus annual license, three users, updates and support. If not, you owe nothing further.

The pilot guarantee

If VaultPull doesn't pull your purchasing list clean on the live release (every part on the list, every file format, into the folder), the setup fee is refunded. Pilots are limited to a few per quarter so each setup gets full attention.



Soltas Group builds procurement tools for manufacturers, backed by hands on sourcing experience. Founder John Solorzano, P.Eng: engineering at Husky Injection Molding Systems, then global sourcing and commodity management there and sourcing management at PURIS. The engineer releasing the drawings, and the buyer waiting on them. We build the tools, configure them for each client and support them directly.

See it run. Then decide if it fits your vault.

Twenty minutes. We show both tools on a live vault and tell you honestly whether your part number setup is a fit.

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