

SharePoint Migrations to Office 365

Best Practices and Common Pitfalls

Solutions for Success Education Series

Solutions for Success



About Us

Point Alliance is an award-winning **Microsoft Gold Certified** partner with **8** Microsoft **competencies**.

Our consulting practice is a recognized leader in delivering proven business solutions to **Global 300** companies across many industries. Backed by over **17 years** of proven results from over 300 organizations.



Denis Molodtsov
*SharePoint & Office
365 Architect*



Delivered over 100 customized
projects

My GitHub is github.com/zerg00s
My LinkedIn is [linkedin.com/in/molodtsovd](https://www.linkedin.com/in/molodtsovd)
I live in Toronto, Canada



Study Case

40.000+ users

13 years of history

4 TB of data

SharePoint 2010

3 large farms

> 5 small farms

>1000 site collections

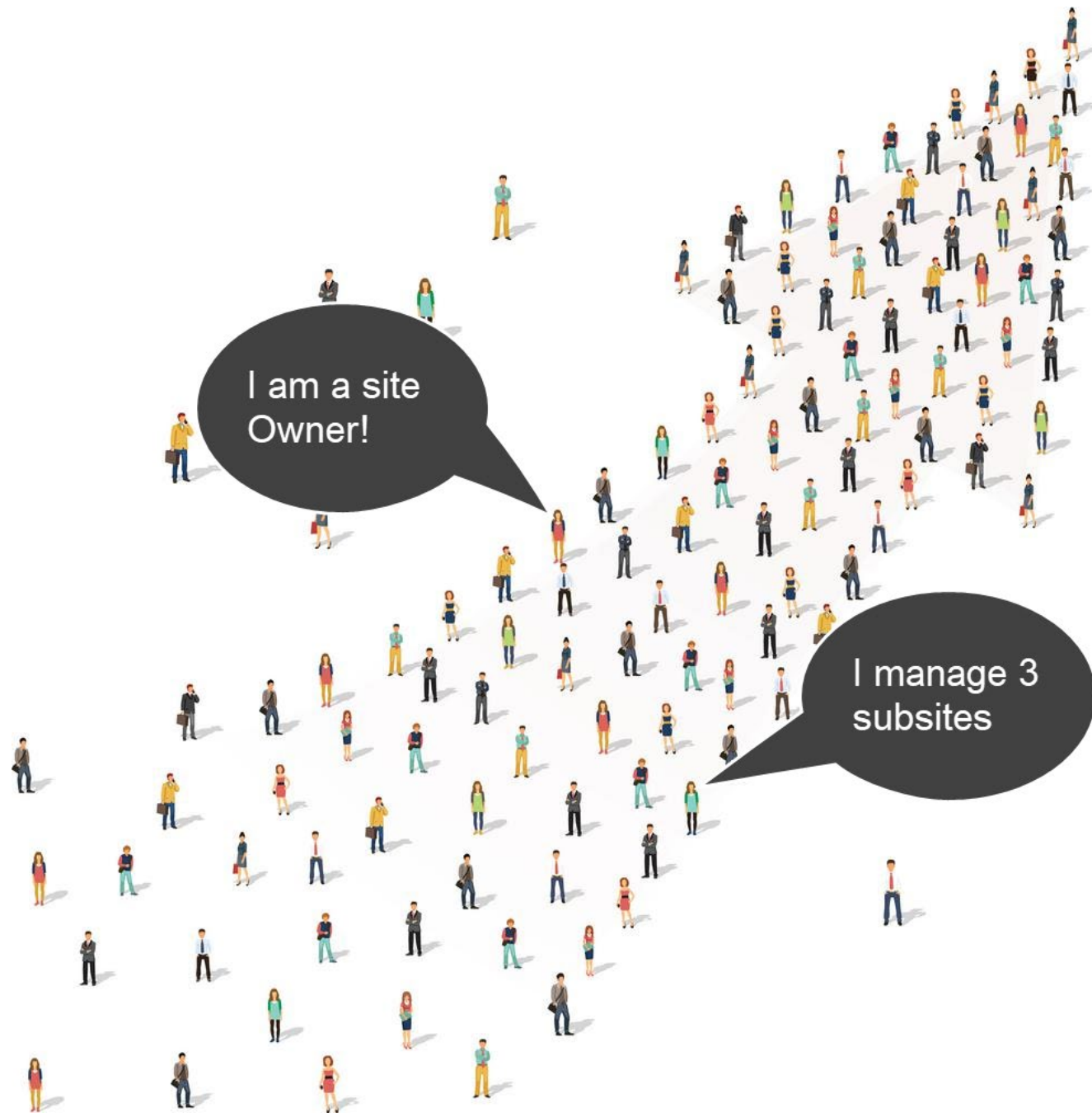
> 40 web applications



Migration team

Migration coordinator
Communication officer
Migration officer
Remediation officer
User adoption officer

Administrators
Service Desk
Governance officer
Site owners
Site stakeholders



Collecting site owners

Create a survey and collect results

Many sites will have no owners

Some sites might have multiple owners on different subsites



Communications

Collect site owners

Give site owners plenty of warning

Explain what site owners need to do before, during and after migration

Send T-7, T-1, T+1 Emails



Every site is a project for site owners

Site owners will need:

- Plan migration date
- Secure budget
- Clean existing site
- Check-in checked out files
- Study SharePoint Online
- Find a SharePoint SME
- Review customizations
- Upgrade customizations
- Implement PoC with SPO
- Post-migration test
- Update external links



User Adoption

SharePoint Online User
adoption training

Knowledge database



Plan URL convention

Was

<http://intranet.com/sitems/intranet>

Will be

<https://contoso.sharepoint.com/sites/intranet>


```
Administrator: Windows PowerShell
PS C:\Users\jorman> C:\Repos\SMAT\bin\Debug\SMAT.exe

This tool detects the version of SharePoint and launches the appropriate scan engine. The scan engine will
start in a new console window and this program will exit.

Launching: SMAT2010.exe

Thank you for using the SharePoint Migration Assessment Tool!

PS C:\Users\jorman>
```

```
C:\Repos\SMAT\bin\Debug\SMAT2010.exe
SharePoint Migration Assessment Tool version 1.0.0.0

Scan Status % Complete # Items Status Message
=====
Alerts Finished 100 5 Finished scan work
BCSApplications Finished 100 3 Finished scan work
BrowserFileHandling Finished 100 268 Finished scan work
CheckedOutFiles Finished 100 3 Finished scan work
CustomizedPages Finished 100 5 Finished scan work
CustomPermissionLevel Finished 100 2 Finished scan work
CustomProfilePropertyMappings Finished 100 0 Finished scan work
EmailEnabledLists Finished 100 2 Finished scan work
FileVersions Finished 100 1 Finished scan work
FullTrustSolution_Farm Finished 100 0 Finished scan work
FullTrustSolution_Content Finished 100 119 Finished scan work
InfoPath Finished 100 29 Finished scan work
IRMEEnabledLibrary Finished 100 1 Finished scan work
LargeExcelFiles Finished 100 2 Finished scan work
LargeLists Finished 100 1 Finished scan work
LargeListViews Finished 100 3 Finished scan work
LargeSites Finished 100 1 Finished scan work
LockedSites Finished 100 1 Finished scan work
LongODDBUrl Finished 100 5 Finished scan work
ManagedMetadataLists Finished 100 2 Finished scan work
NonDefaultMasterPages Finished 100 1 Finished scan work
PublishingPages Finished 100 21 Finished scan work
PublishingSites Finished 100 11 Finished scan work
SandboxSolution Finished 100 6 Finished scan work
SecureStoreApplications Finished 100 1 Finished scan work
SiteTemplateLanguage Finished 100 0 Finished scan work
UnsupportedWebTemplate Finished 100 25 Finished scan work
WebApplicationPolicy Finished 100 7 Finished scan work
WorkflowAssociations2010 Finished 100 34 Finished scan work
WorkflowRunning2010 Finished 100 1 Finished scan work

Generating final report... 100% 30/30

Report data and log files can be found at:
C:\Repos\SMAT\bin\Debug\Log

Optional: If you have already signed up for Office 365 and know the SharePoint Online tenant domain
url that you want to use for migration, you can include that URL to help us improve our services.

Would you like to provide your SharePoint Online tenant domain url?
Enter [Y]es or [N]o then press enter: N

Migration assessment is finished on this farm.

For more information about migrating to SharePoint Online, please go to https://aka.ms/sharepoint_migration

Press ENTER to close.
-
```

Premigration assessment

SharePoint Migration
Assessment Tool



Prepare On-prem

You can't move everything to the cloud

Get new SP 2016/2019 environment ready



Permissions

Farm Admin

SharePoint Online Admin

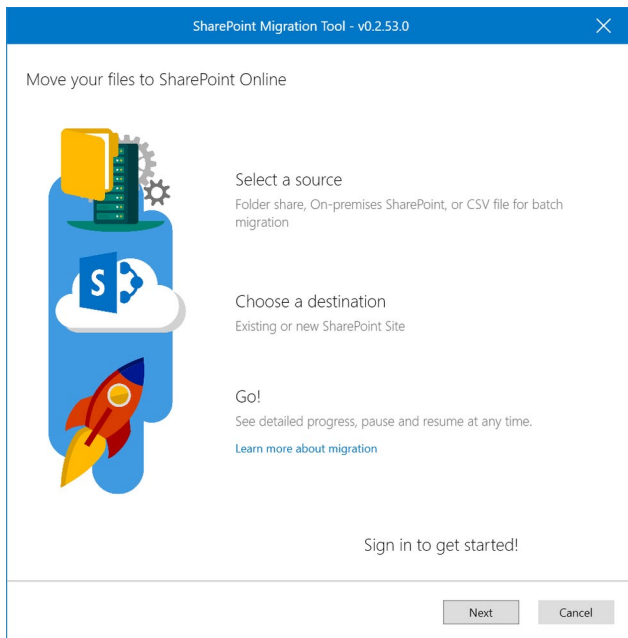
Office 365 Admin
(recommended)

**Global Office 365
Administrator** (to accept
Azure App)

Sharegate

AvePoint®

Metalogix



Migration tools

Sharegate Desktop

AvePoint DocAve

Metalogix Content matrix

SharePoint Migration tool



Migration duration

Take measurements:

GB / per second

Average migration speed

Calculate total duration

 Send communications



 Set source site to read-only



 Migrate site



 Lock source site

Migration
steps

Organize

Excel



SharePoint lists



- Sites
- Site Owners
- Migration Status

Automate

PowerShell

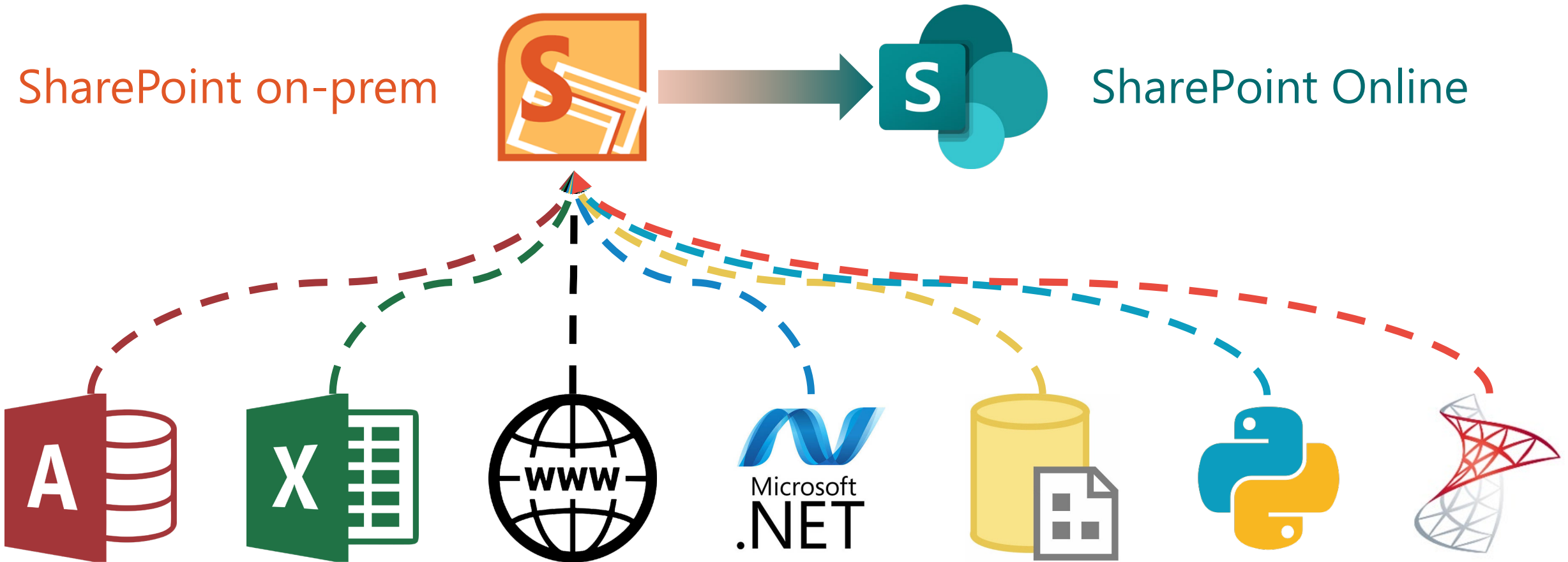


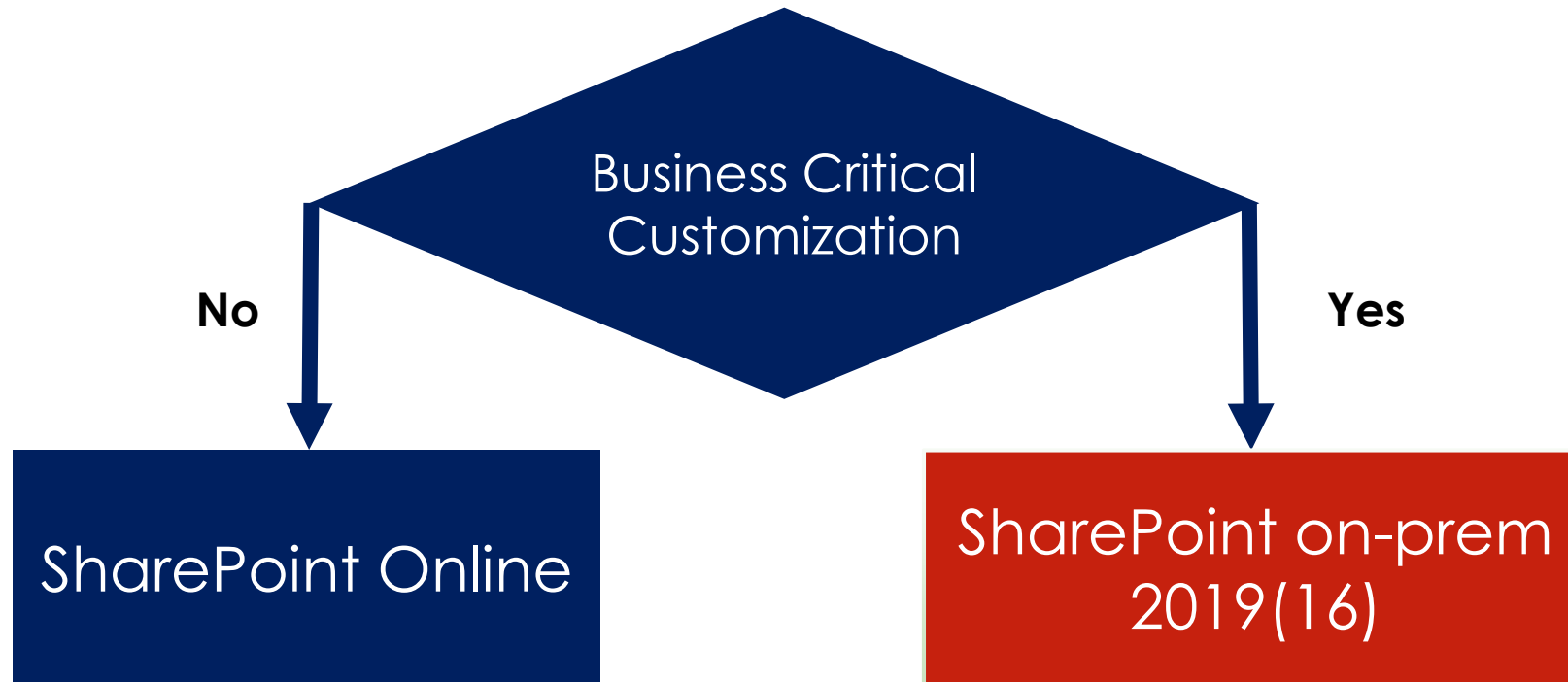
Flows

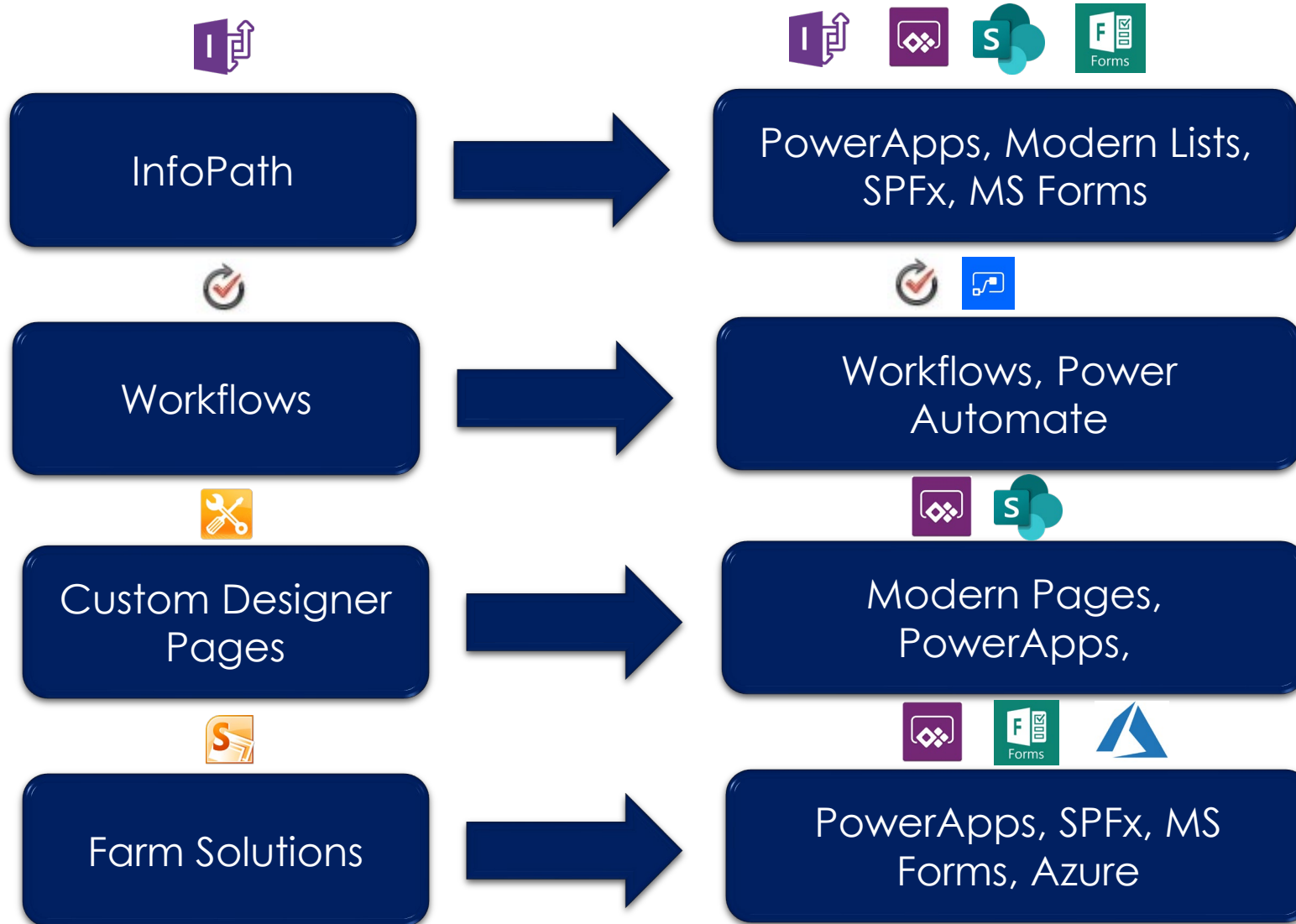


- Schedule migrations
- Notification emails
- Parse migration logs
- Compare scripts

Integration Points







Replace customizations

You will not be able to replace all SharePoint workflows and InfoPath forms



Knowledge Database

What do I need to know about migration?

How should stakeholders prepare?

Etc.



User Training

Managing permissions

Managing Navigation

Managing Pages

Adding Webparts



User Training Tips

Stop using Explorer View

Use Chrome

Use Sync Tool

Stop using Designer



IMPORTANT

**Post-migration
considerations**

- New Service desk Requests
- Power Platform



Common requests

Manage permissions

Create a site

Enable site features

Can't find migrated item



Denis Molodtsov
SharePoint & Office
365 Architect



Thank you!

My GitHub is github.com/zerg00s
My LinkedIn is [linkedin.com/in/molodtsovd](https://www.linkedin.com/in/molodtsovd)
I live in Toronto, Canada



RESOURCES

- Free Office 365 E5 Trial: <https://developer.microsoft.com/en-us/microsoft-365/dev-program>
 - [Free AvePoint Trial](#)
 - [Free Content Matrix Trial](#)
 - [Free Sharegate Trial](#)

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