

Get current - Stay current  
on the latest version of  
Windows Server

# GET-EXPERTS

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**Seafood, ish**

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# Upgrading is easy

You just need to know how...

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But, there is a BIG but...

# Core Components

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New Server OS

Validated in your environment

Deployment Solution

Patch Management

Monitor solution

Backup solution

Else...

You will waste too much time, time you don't have...

It needs to be ready for production before you begin

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# DEMO SLIDE

# Upgrading is easy



Most tools are free and fairly easy

Server Migration Tools, File Server Migration, MAPS, Scripts



There are lots of how-to and guide lines

Remote Desktop Services  
Web Server (IIS)  
Windows Server Update Services  
MultiPoint Services



You are NOT the first (or “special”)

You are more likely to be the last...

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# Guides...

<https://docs.microsoft.com/en-us/windows-server/get-started/migrate-roles-and-features>



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# DEMO SLIDE

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# 50%

Of all Windows Servers are unsupported

# Running unsupported

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## Mainstream and Extended Support

Mainstream is for everyone

Extended support is separate agreement  
(very uncommon)



## What is the issue, really?

Weakest link

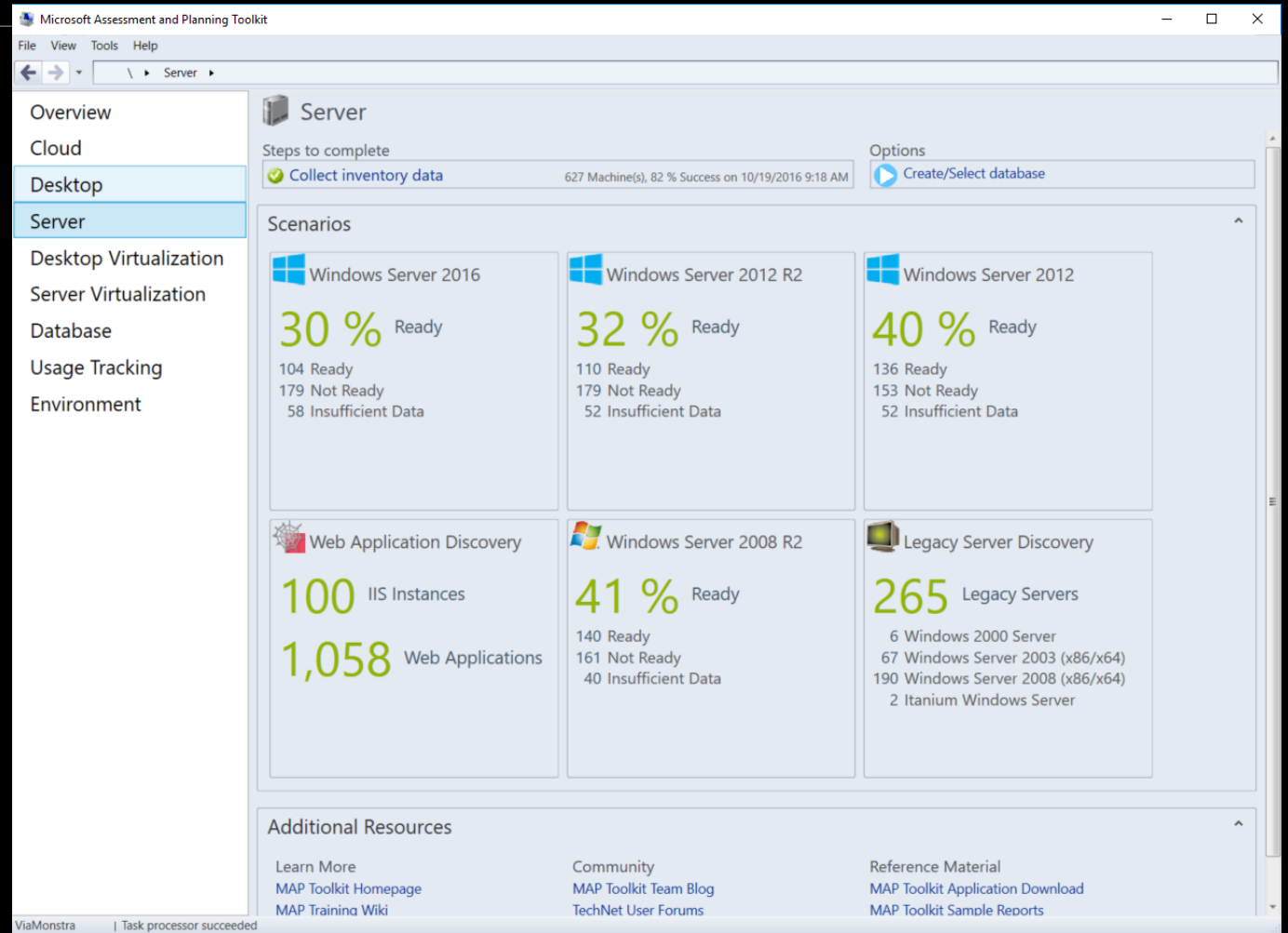
Unable to upgrade other systems

Security limitations

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# So, what do I have?

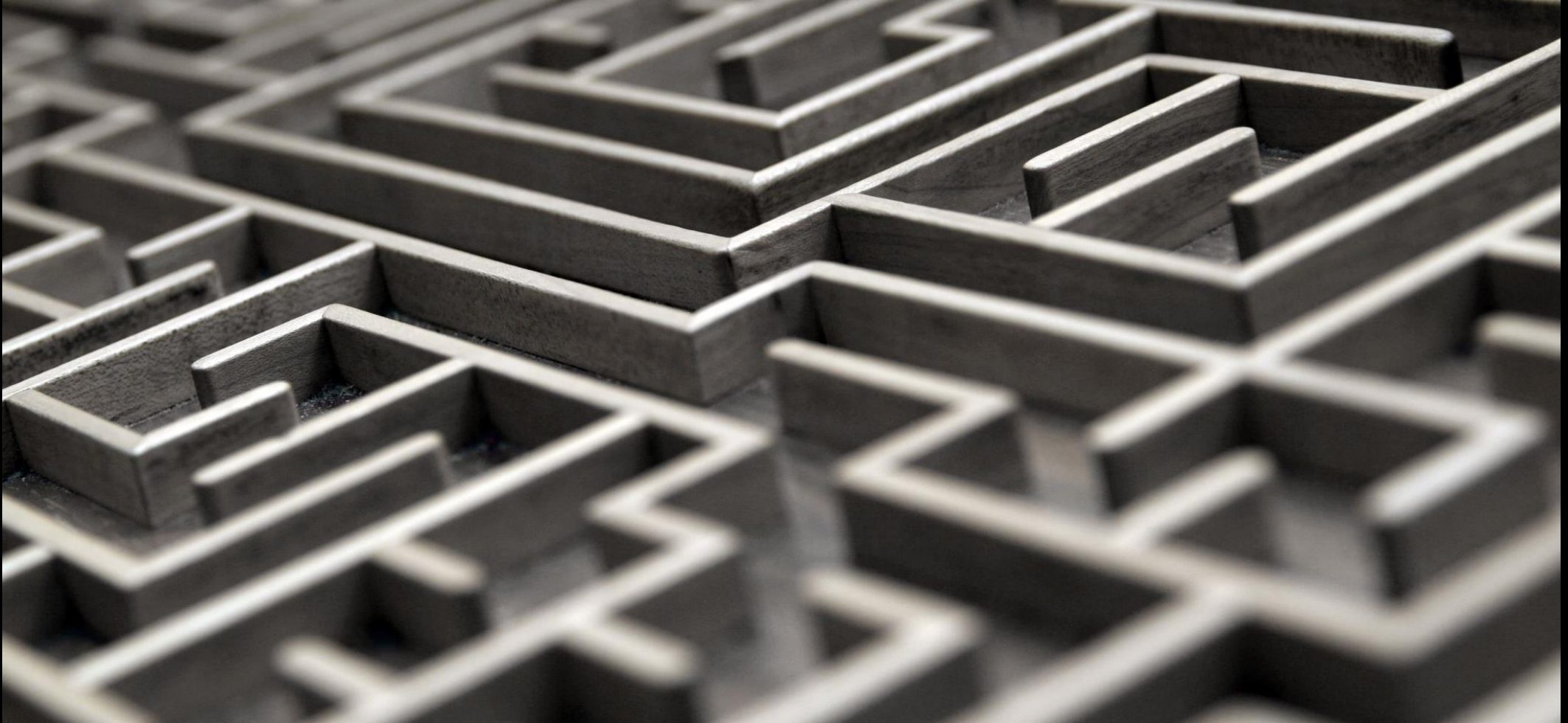
# You need to know what you have



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# DEMO

# What are my options?



# Realistic Options

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## Decommission

If you don't need it, well,  
you don't need it



## Transform

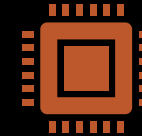
Migrate to other system,  
Merge, Azure, combine..



## Side By Side

Deploy new OS, Copy  
data, verify, switch

Bonus: It verifies your  
DR solution



## In place Upgrade

Upgrade existing OS  
with applications

Last resort, don't do  
this, it sucks



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# Getting dirty, time to work

# Migrate File servers

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## Disconnect – Connect

Fully supported, dump Share from registry



## File server Migration tool

Deluxe Robocopy



## Azure File Services

Transforming to the cloud



## Azure File Sync

Almost transforming to the cloud  
StorSimple, but no hardware and works

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# DEMO SLIDE

# Migrate Print Servers

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## Print Server Cluster

- Does not exist anymore, use LB's

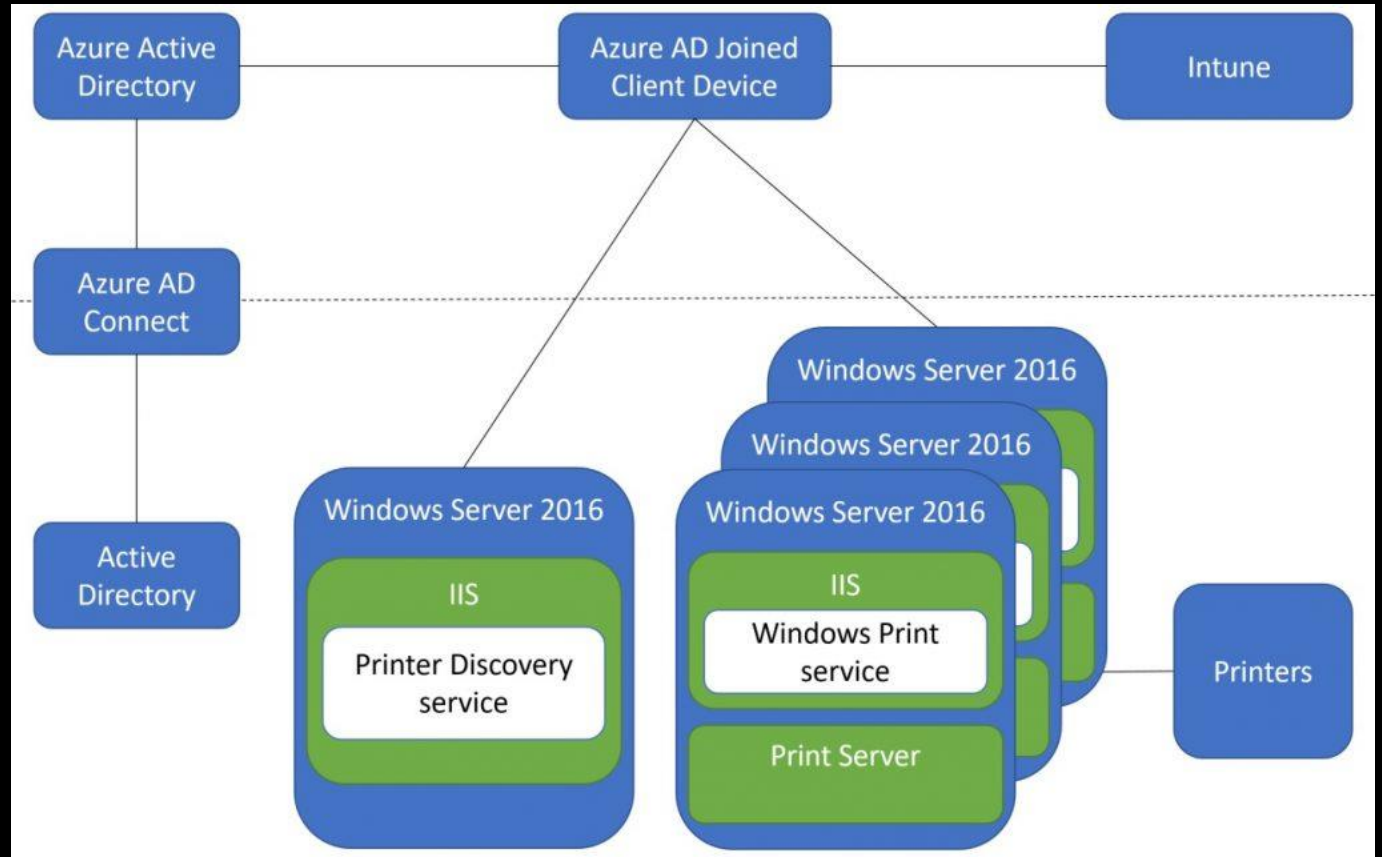
## Export - Import

- Printer Migration Wizard
- Printbrm.exe

## Hybrid Cloud Print

- Works for AAD joined devices
- Use on-premisses Print Server

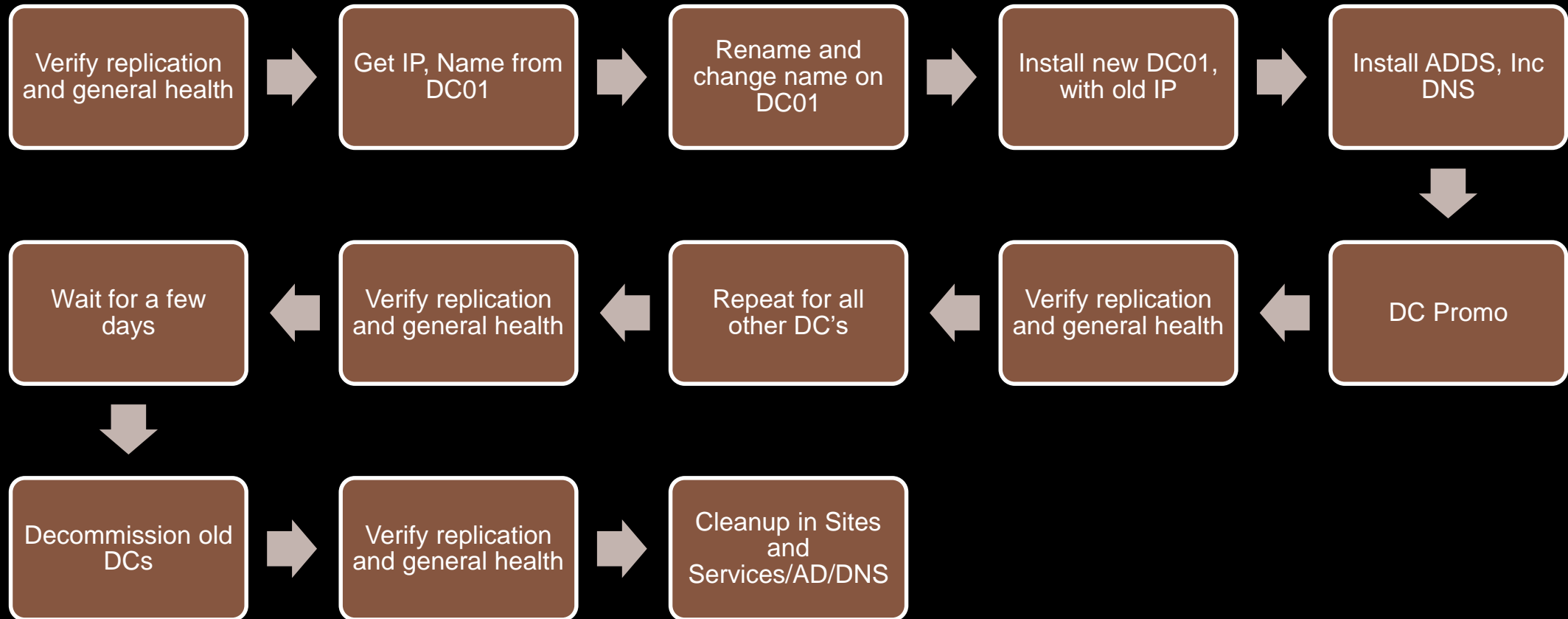
# Hybrid Cloud Print



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# DEMO SLIDE

# Active Directory - Side-By-Side

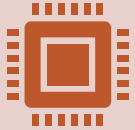


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# DEMO SLIDE



# SQL



Upgrade – In place (OS/SQL)

Works from 2005 and up



Upgrade – Side by Side  
(OS/SQL)

Works from 2005 and up



Transform to Azure

Works from 2005 and up

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# DEMO SLIDE

# What About The Web?



Sure it are being used?



Still sure?



Really sure?



WebDeploy or Azure App Service Migration



WebDeploy supports IIS 6.0 (code name "Duct Tape") and

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# DEMO SLIDE