



wiki Webinar

by **inetum.**
realdolmen

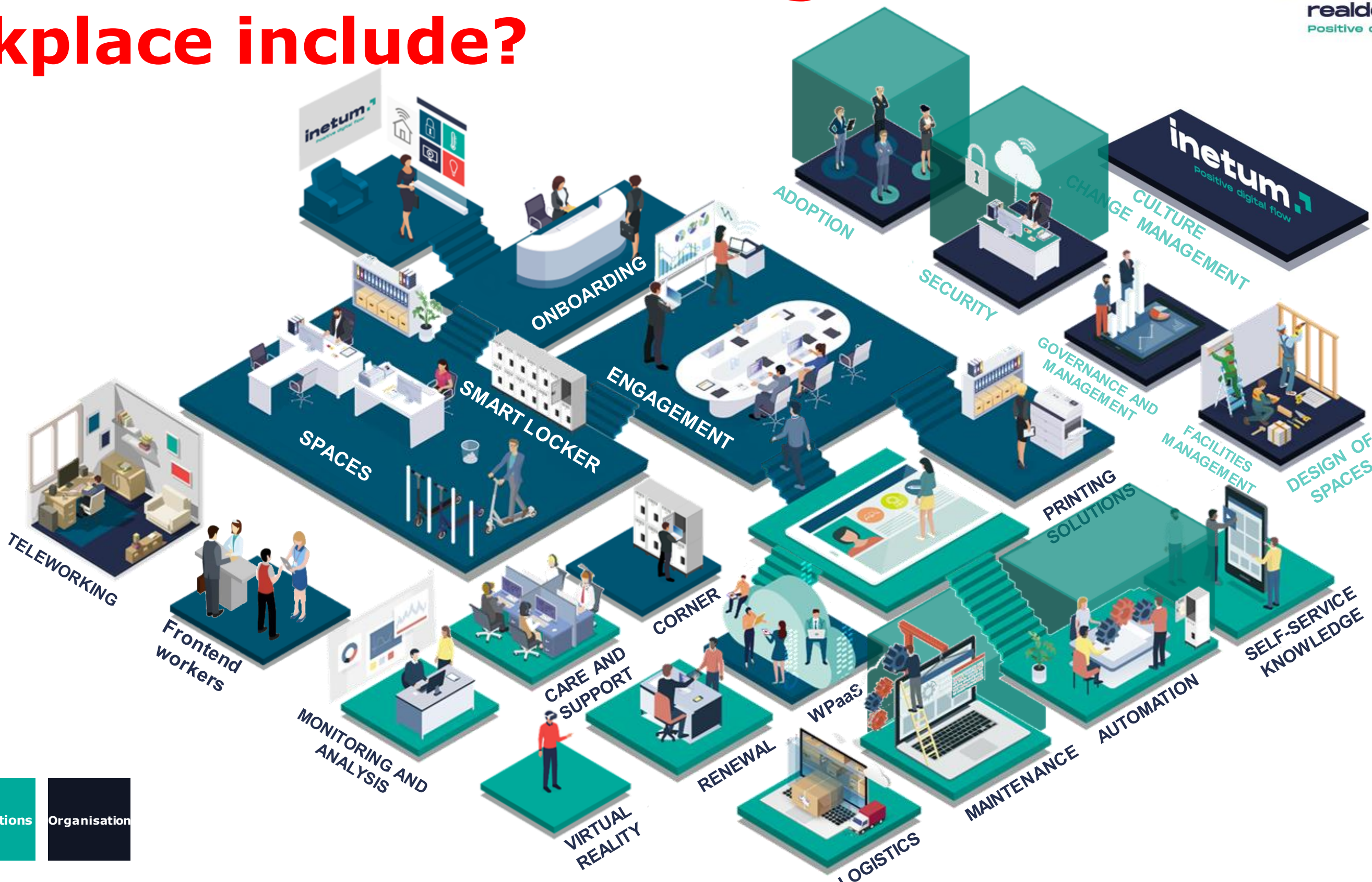
Migreren naar Windows 11?



Praktische afspraken

- Vragen via chat
- Iedereen op mute
- Q&A na de presentatie
- Evaluatie met link naar de slides worden na het event doorgestuurd

And... What does an Intelligent Workplace include?

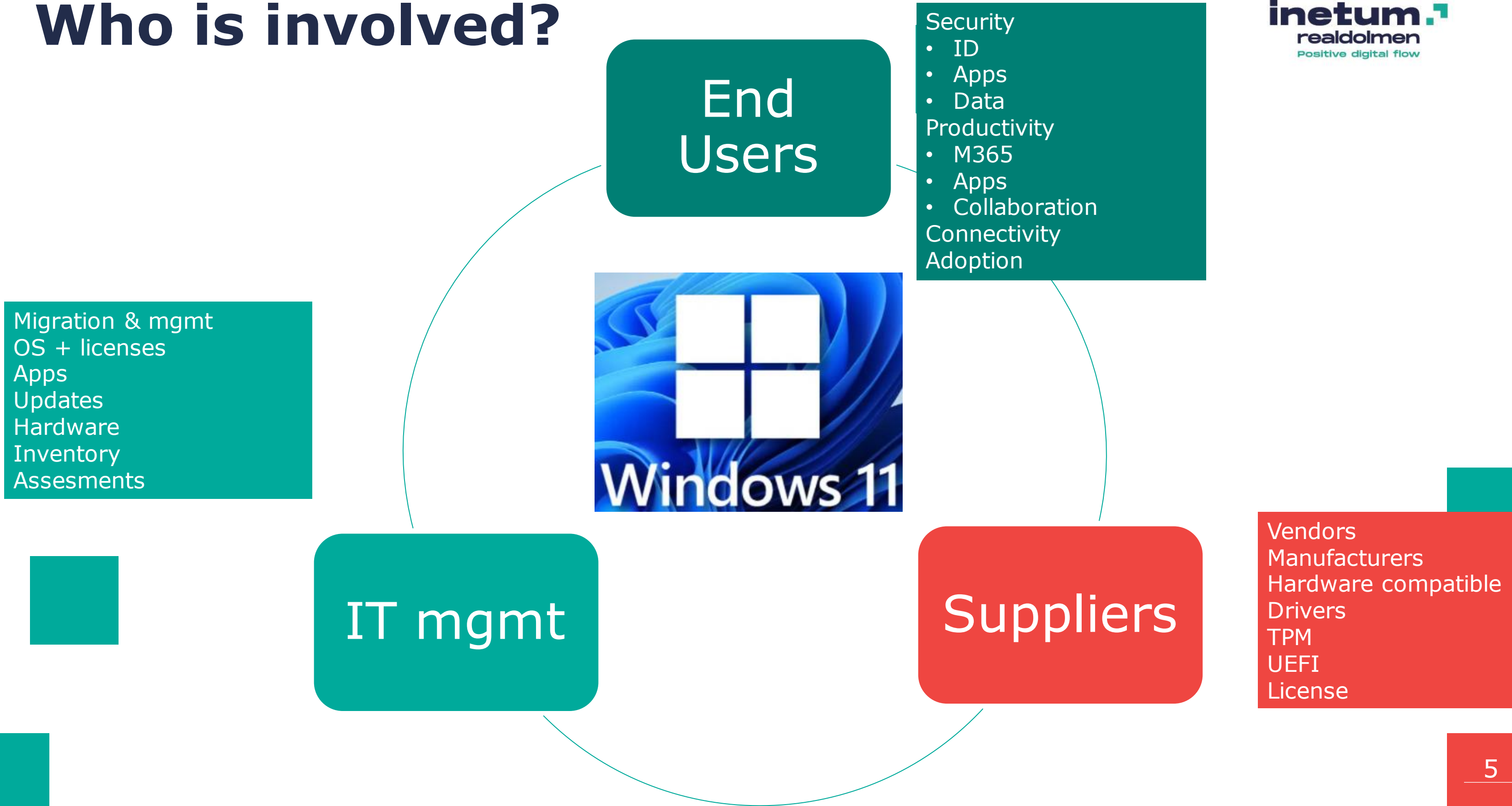


User experience	Operations	Organisation
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Today's topics

- Who is involved?
- Look & Feel
- Hardware
- Applications
- Security
- Endpoint Management
- Migration to W11
- User adoption
- Conclusions

Who is involved?

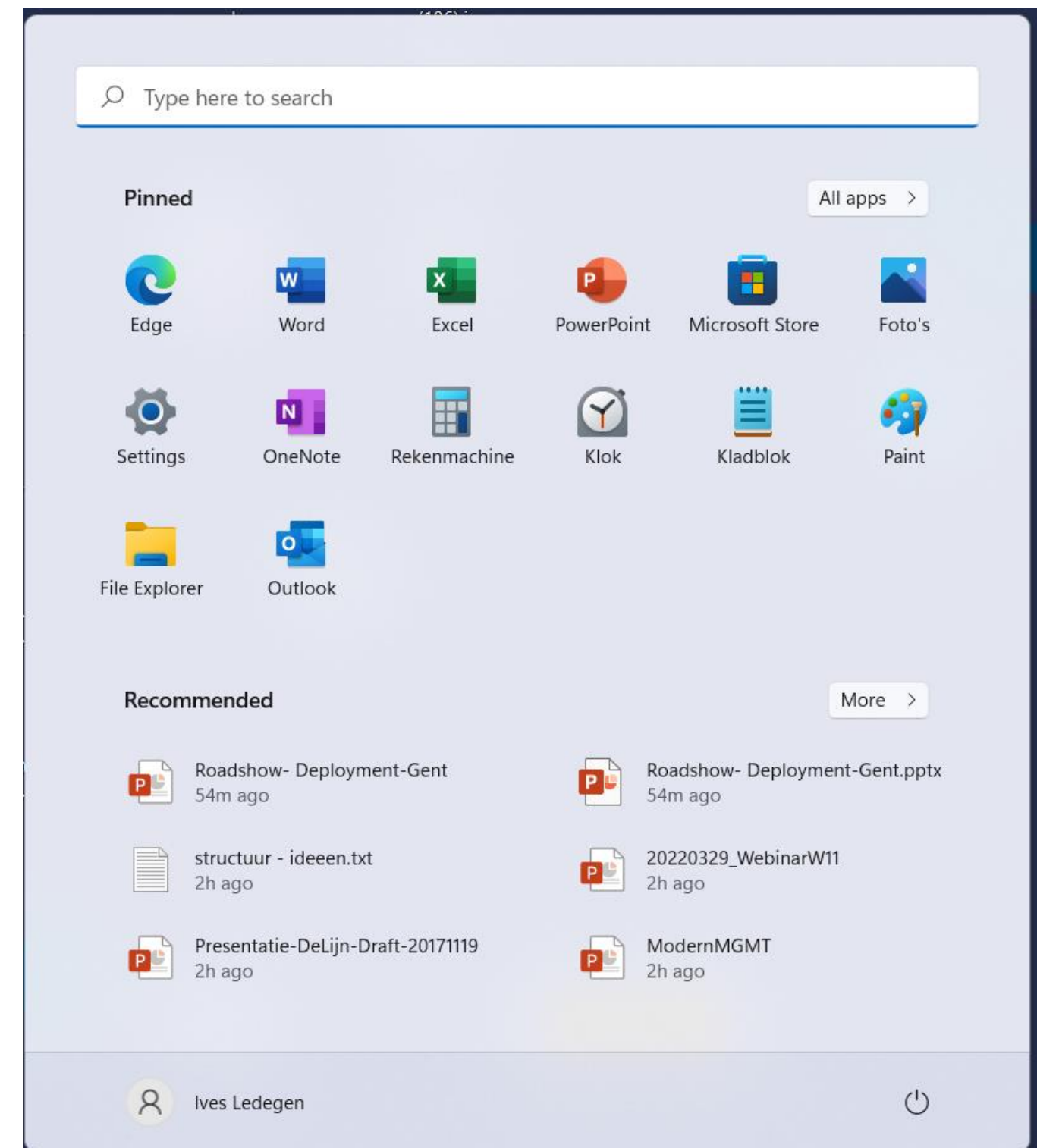


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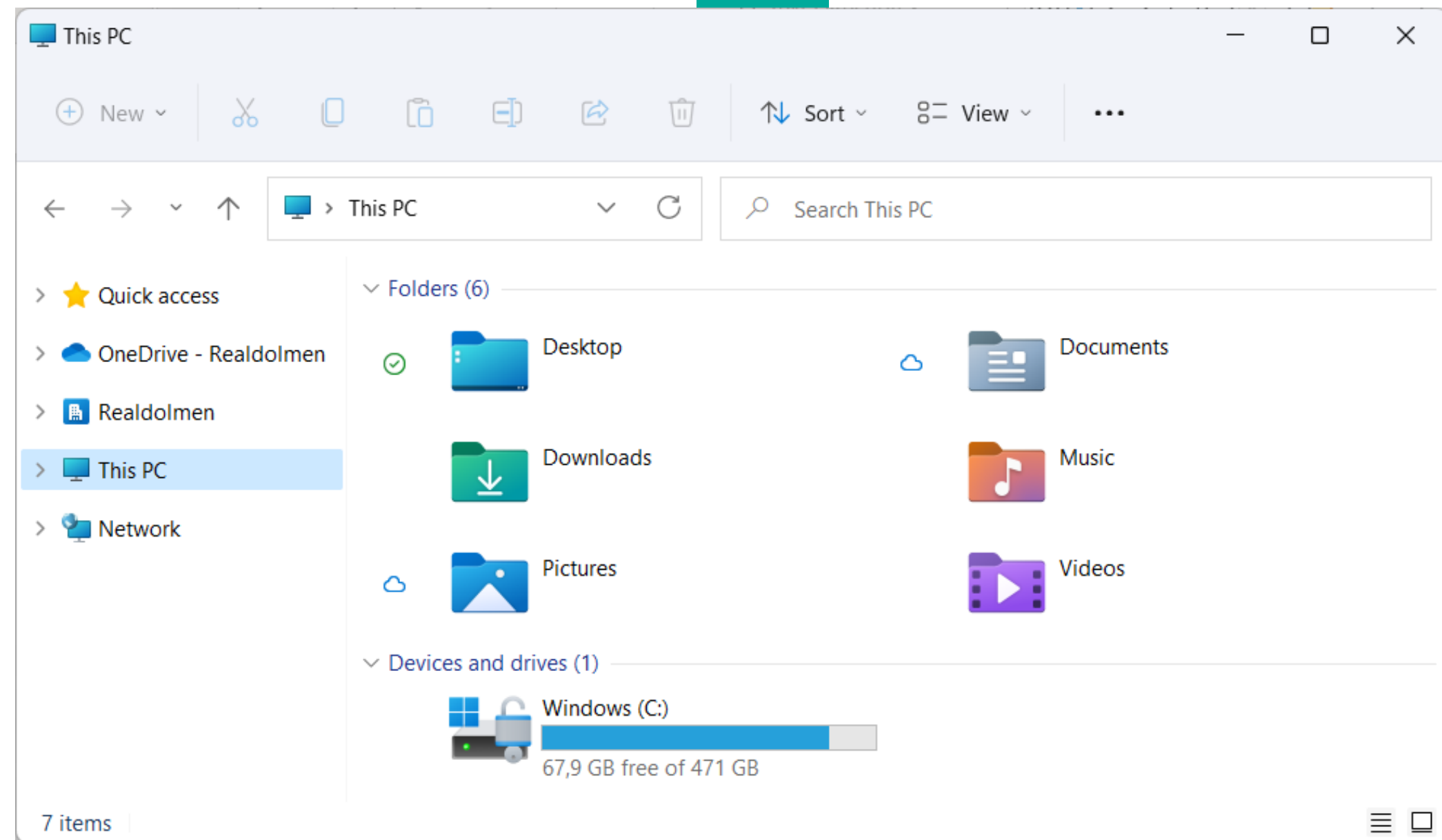
Look & Feel

- Start menu & task bar
- Significantly changed
- Key deprecations and removals
 - Named groups & folders of apps
 - layout is not currently resizable
- Live Tiles → Widgets (left)



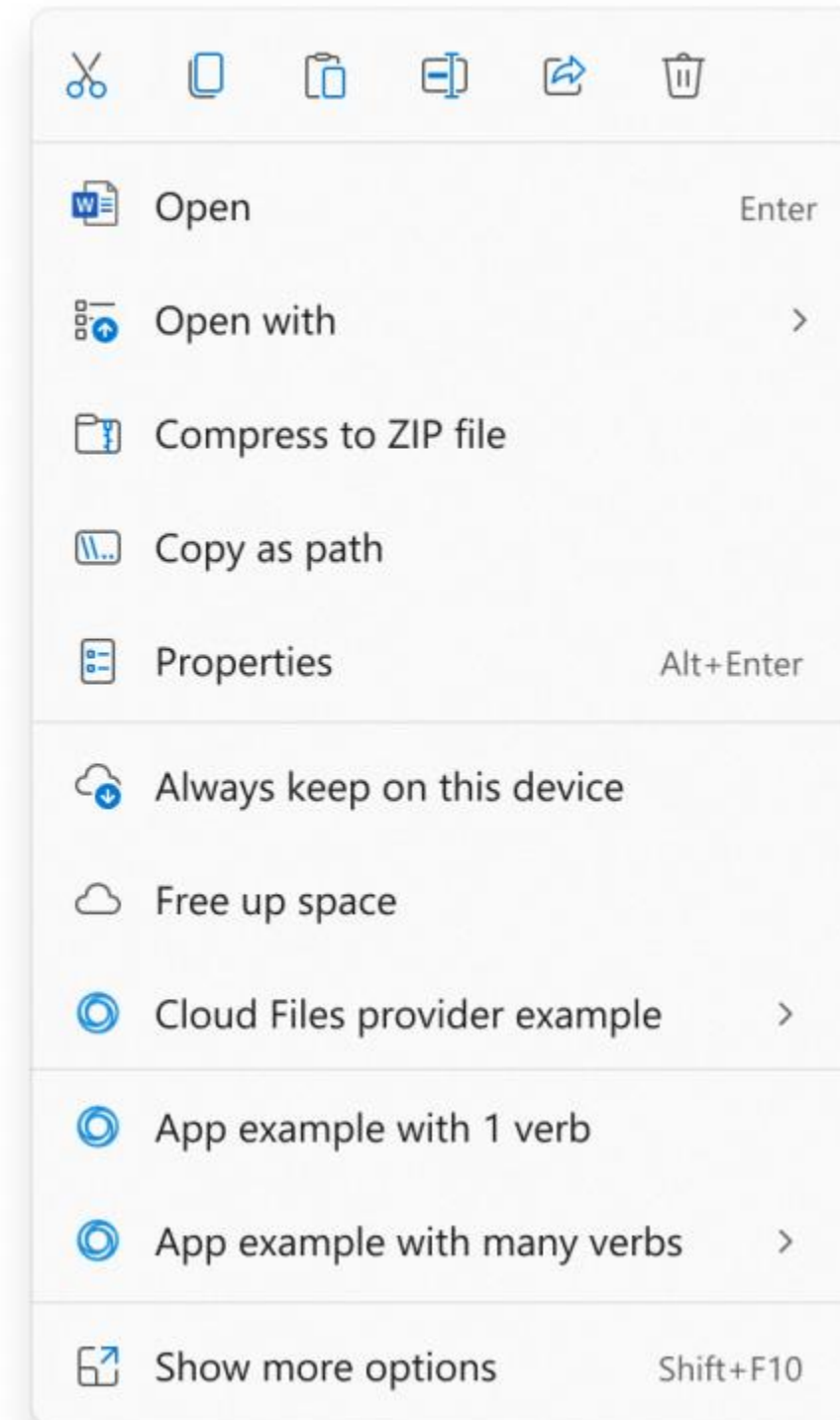
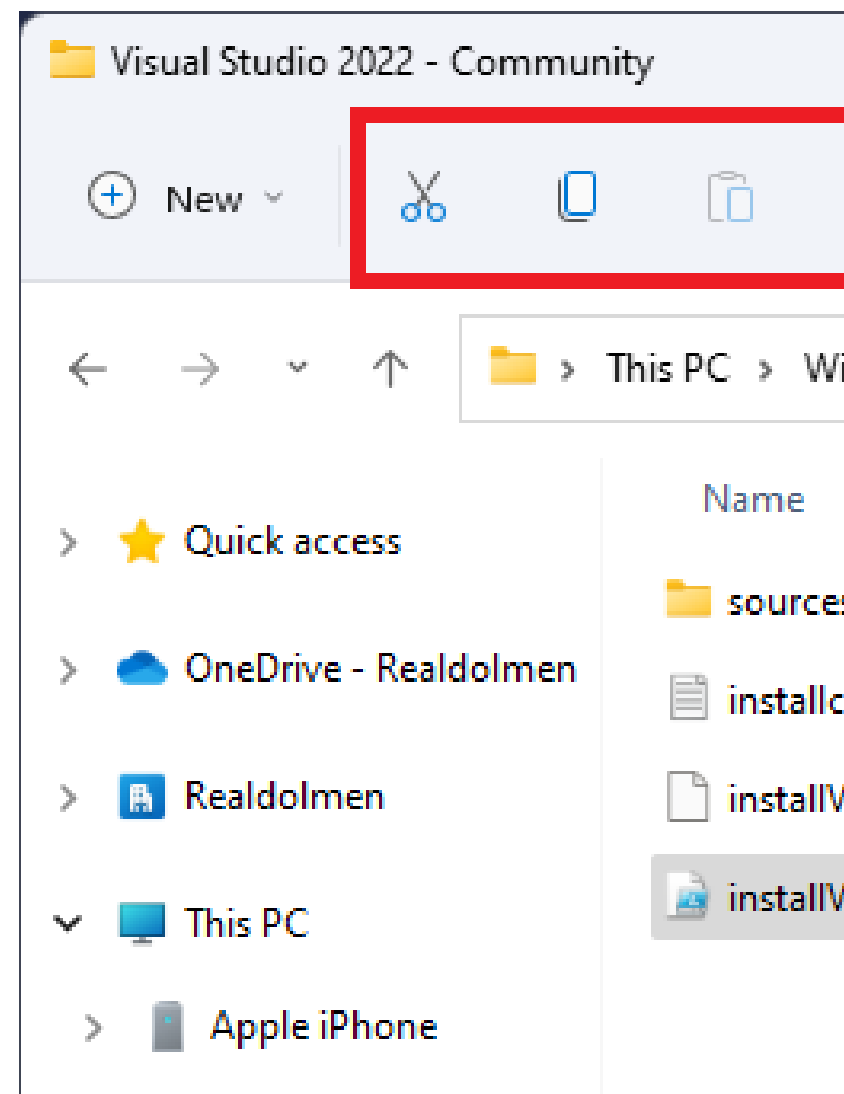
Look & Feel

- Windows explorer



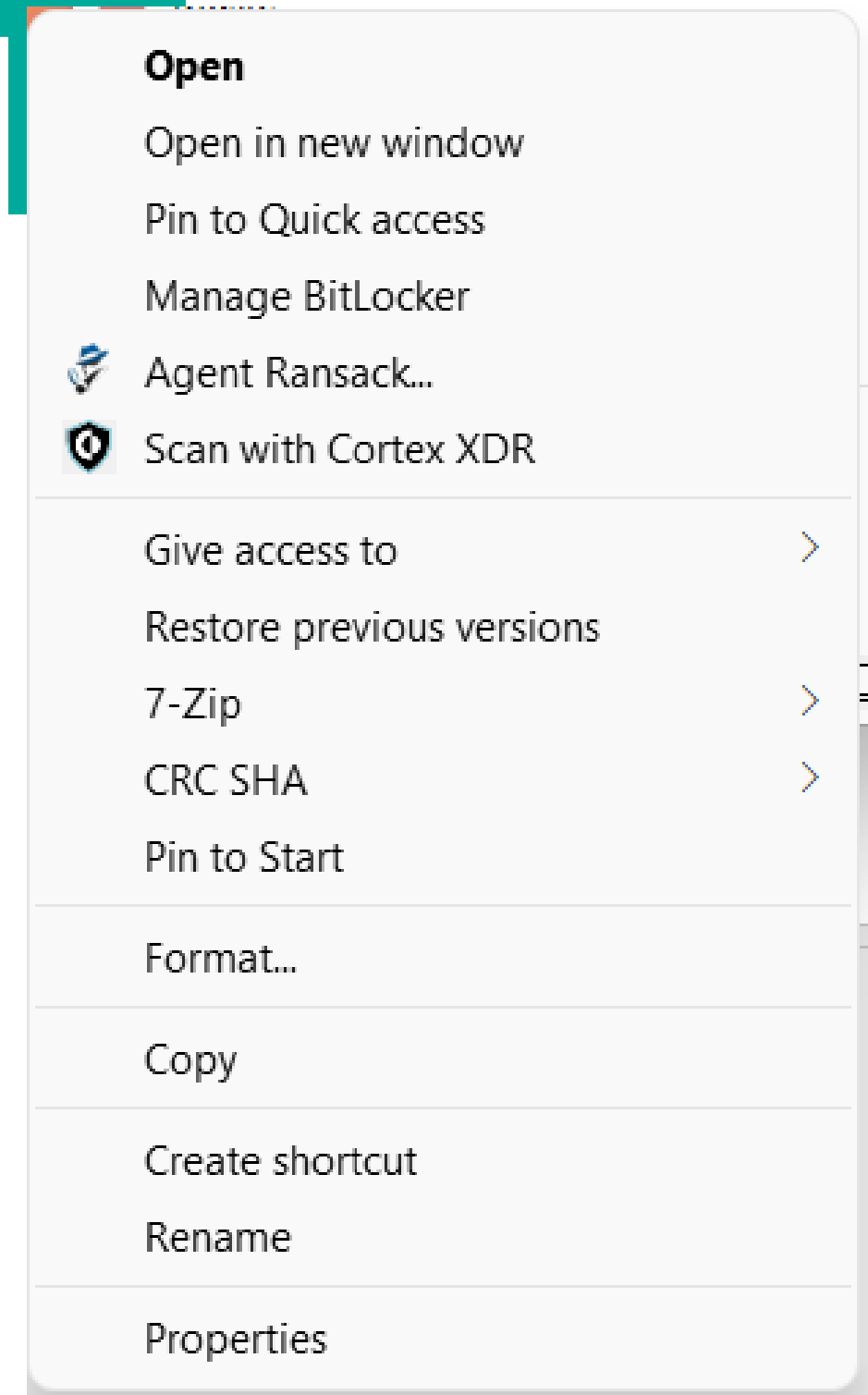
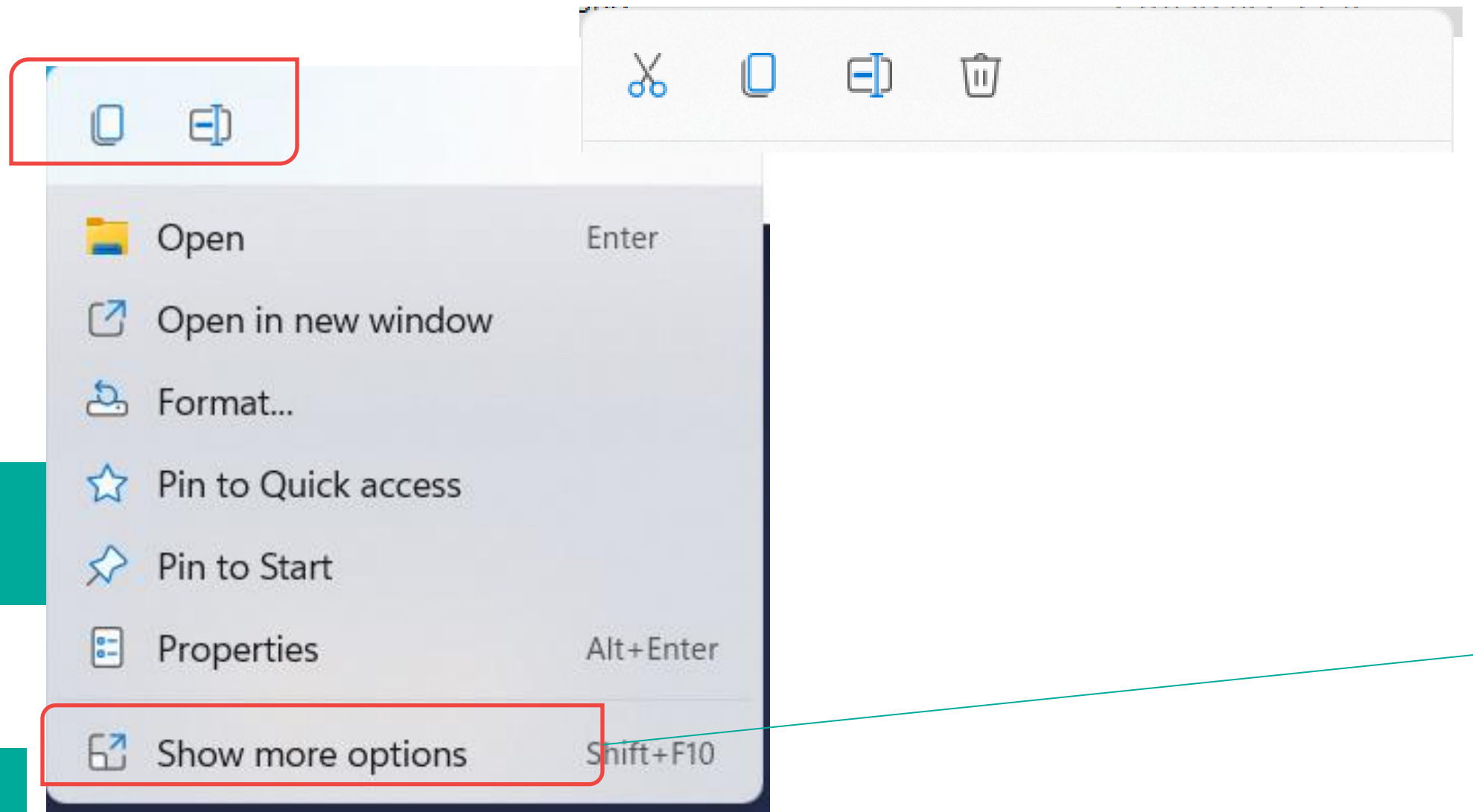
Look & Feel

Right-click



Look & Feel

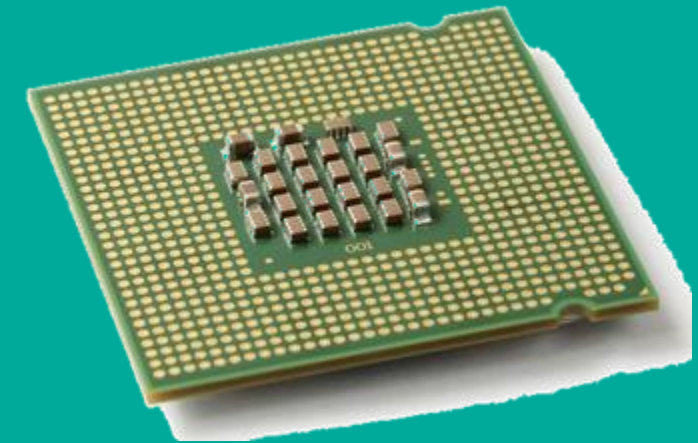
Right-click



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Hardware



Hardware

- These are the minimum system requirements
- **Processor**
- 1 gigahertz (GHz) or faster with 2 or more cores on a compatible 64-bit processor or System on a Chip (SoC).
- **RAM**
- 4 gigabyte (GB).
- **Storage**
- 64 GB or larger storage device
- **System firmware**
- UEFI, Secure Boot capable.
- **TPM**
- Trusted Platform Module (TPM) version 2.0. for secure boot
- **Graphics card**
- Compatible with DirectX 12 or later with WDDM 2.0 driver.
- **Display**
- High definition (720p) display that is greater than 9" diagonally, 8 bits per color channel.

Hardware

Windows 11 hardware requirements can be

- Checked beforehand (tools)
- Bypassed (registry)

What is the use of the pre-requisites?

Why ? To create balance between

- **Performance**
- **Reliability**
- **Security**

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Applications



Applications

User expectations over the last years:

- Good performance
- Stable
- Transparent use over <> devices
- Natural feel & intuitive

What approach for going to W11?

Trend : is to publish more in the Microsoft Store as vendor

Applications

As an organization, IT dep responsible:

- Software delivery & (re-)packaging
 - MSI, MS Store, Winget, PSADT, MSIX, ..
- App lifecycle : updates
- Licenses
- ...

But, now for going to W11?

- Compatibility ?????

Inetum-Realdolmen can assist via

- Assements
- Test procedues

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Security



Security

Many security controls now **ON by default** in W11

- Secure Boot
- Trusted Boot

Additional security can natively be added

- Baseline Windows security (cfr Intune)
 - Leverages TPM 2.0 for a hardware root of trust, secure boot and BitLocker drive encryption

Zero Trust Security model “baked in”

Window

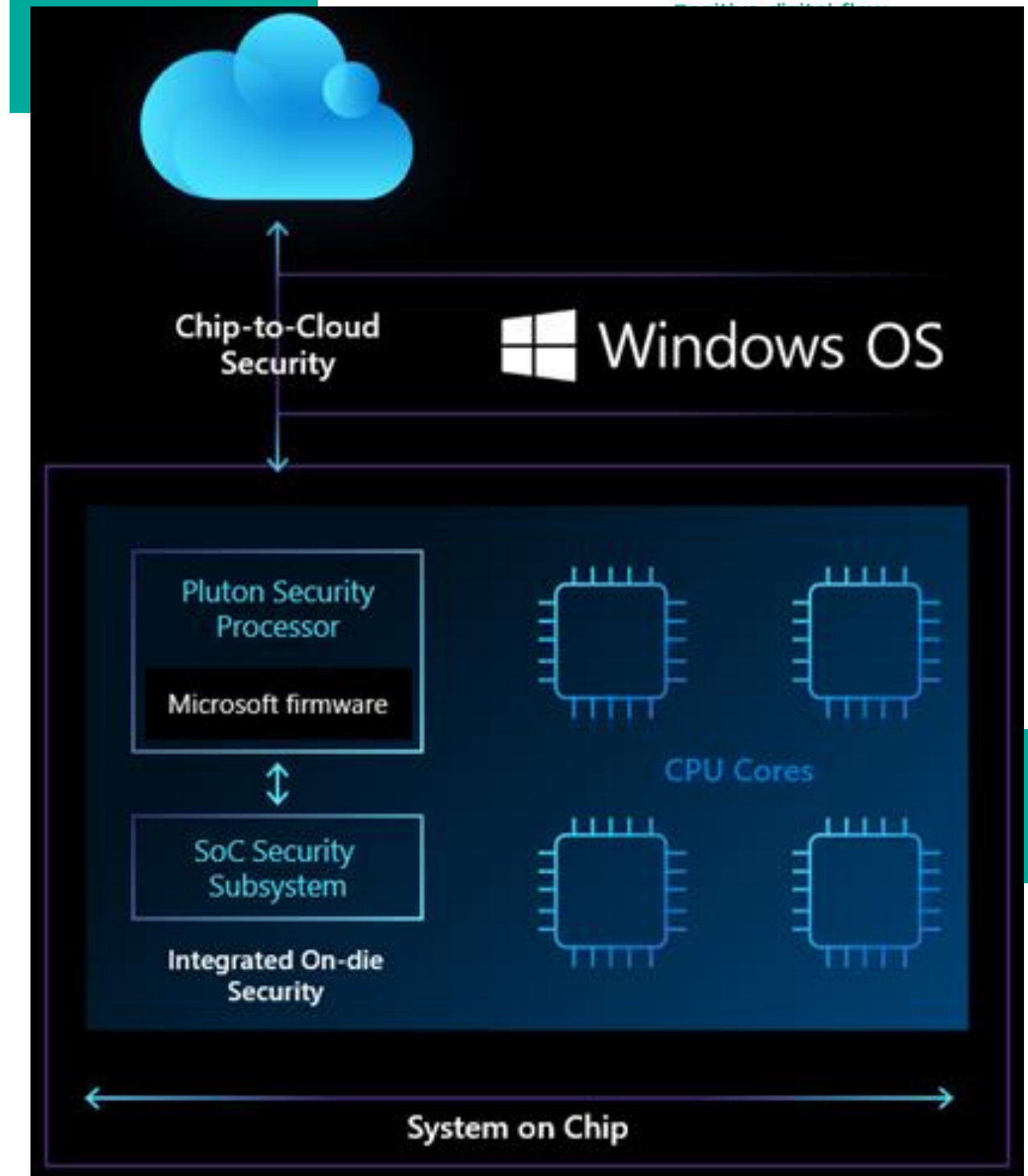


Security

- UEFI & Measured boot
- Add more security to boot sequence
- Secure Boot
- checks bootloader digital signature
- Trusted Boot
- Software validation by OS

Security

- **PLUTON processor**
- chip-to-cloud security processor technology
- collaboration with leading silicon partners (AMD, Intel, & Qualcomm Technologies)
- communication channel between the CPU and TPM (= bus interface) > attackers gain physical access > Pluton builds security directly into the CPU



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Endpoint Management

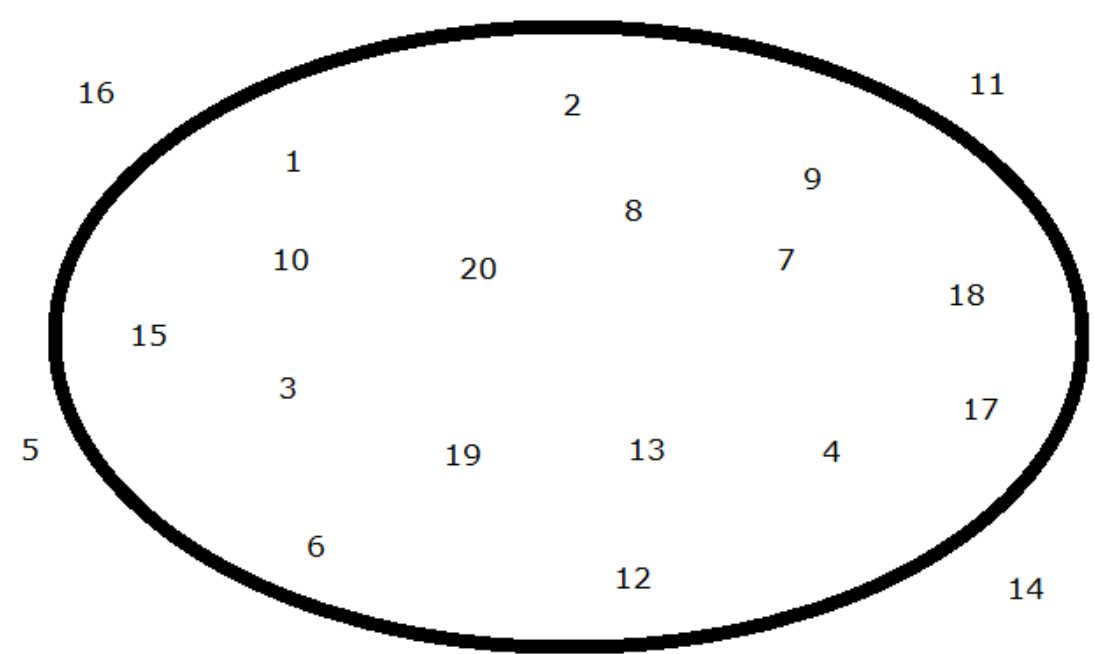
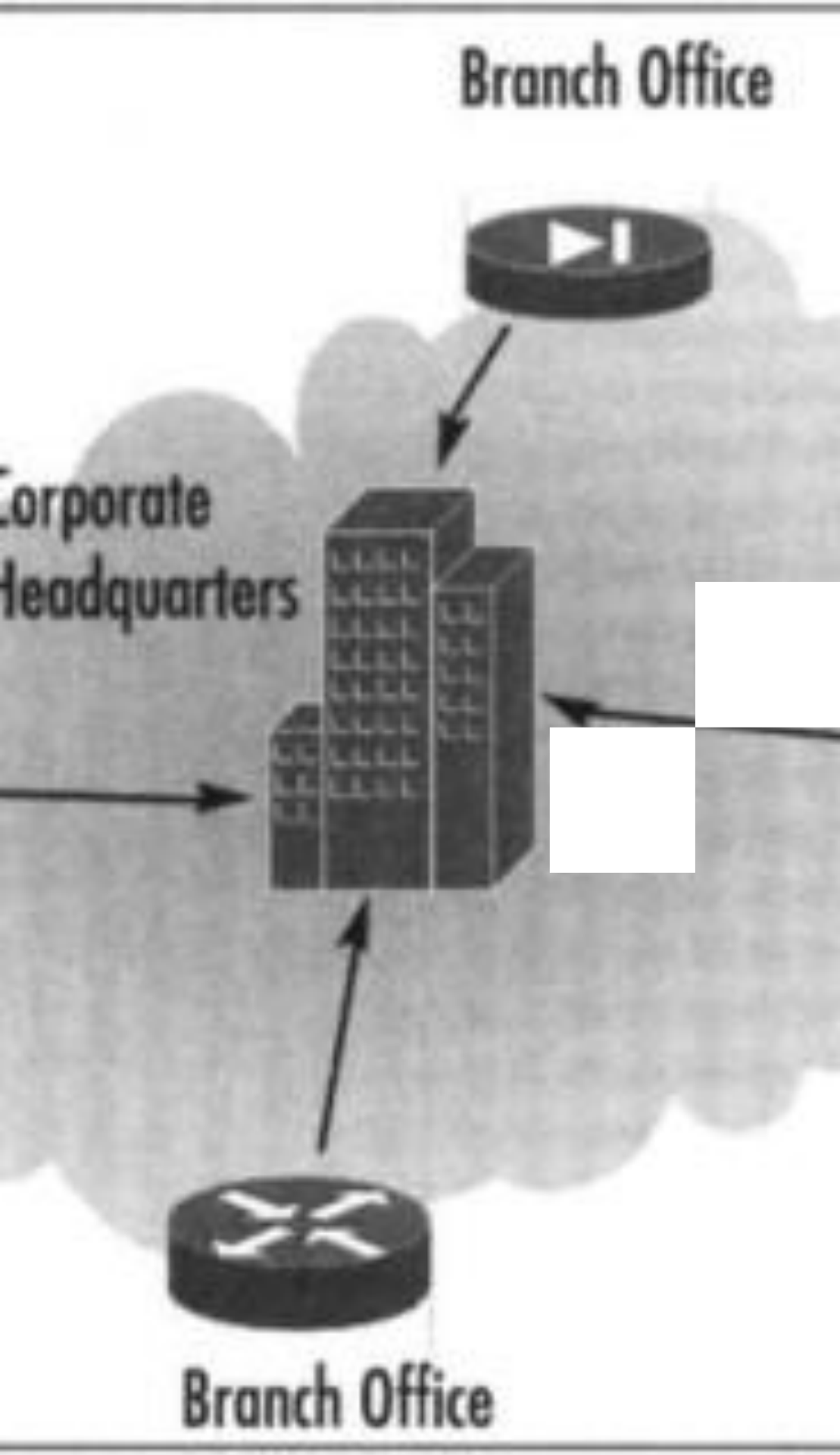


Endpoint Management Windows 11

- To benefit the most of the new elevated security features, modern management is advised
- Traditional management often no longer sufficient, since Covid pandemic

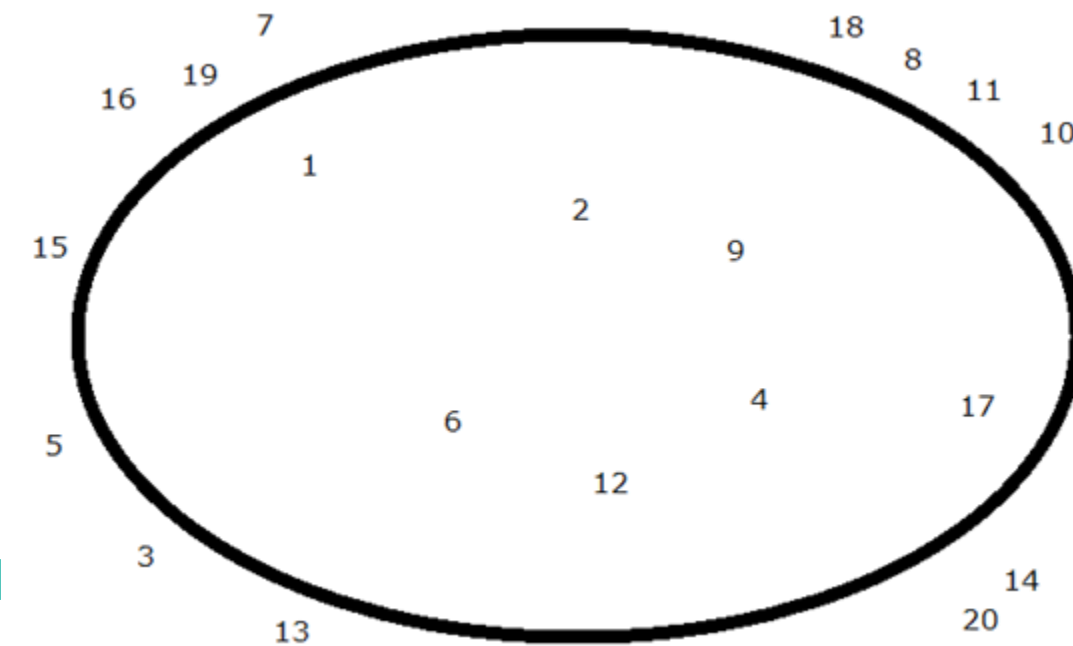
Traditional topology

- Focus on "star"-shape
- Centralized Management topology
- "Outside bad, inside good ..."



Situation today

- More & more people in “bad outside”
- LAN/WAN design not adapted to new situation
- Users traffic ↗
- Mgmt traffic ↗
- VPN performance ↘
- “Hat tricks”
- Split tunnel VPN
- “Empty” Distribution Point SCCM



Situation today

- Mgmt tools not adjusted
 - SCCM std = all On-premise or VPN ...
 - No mgmt in "Workgroup"
 - No CMG = no mgmt outside WAN
-
- Adjusting SCCM = additional cost
 - CMG requires https traffic = complex setup
 - Hosting Azure VM + traffic
-
- SCCM CMG (+ co-management)
 - Limited mgmt for mobile (Android & Mac)



Windows 11 version	ConfigMgr 2006	ConfigMgr 2010	ConfigMgr 2103	ConfigMgr 2107	ConfigMgr 2111
21H2 (10.0.22000)	✗	✗	✗	✓	✓

Modern mgmt : Microsoft INTUNE

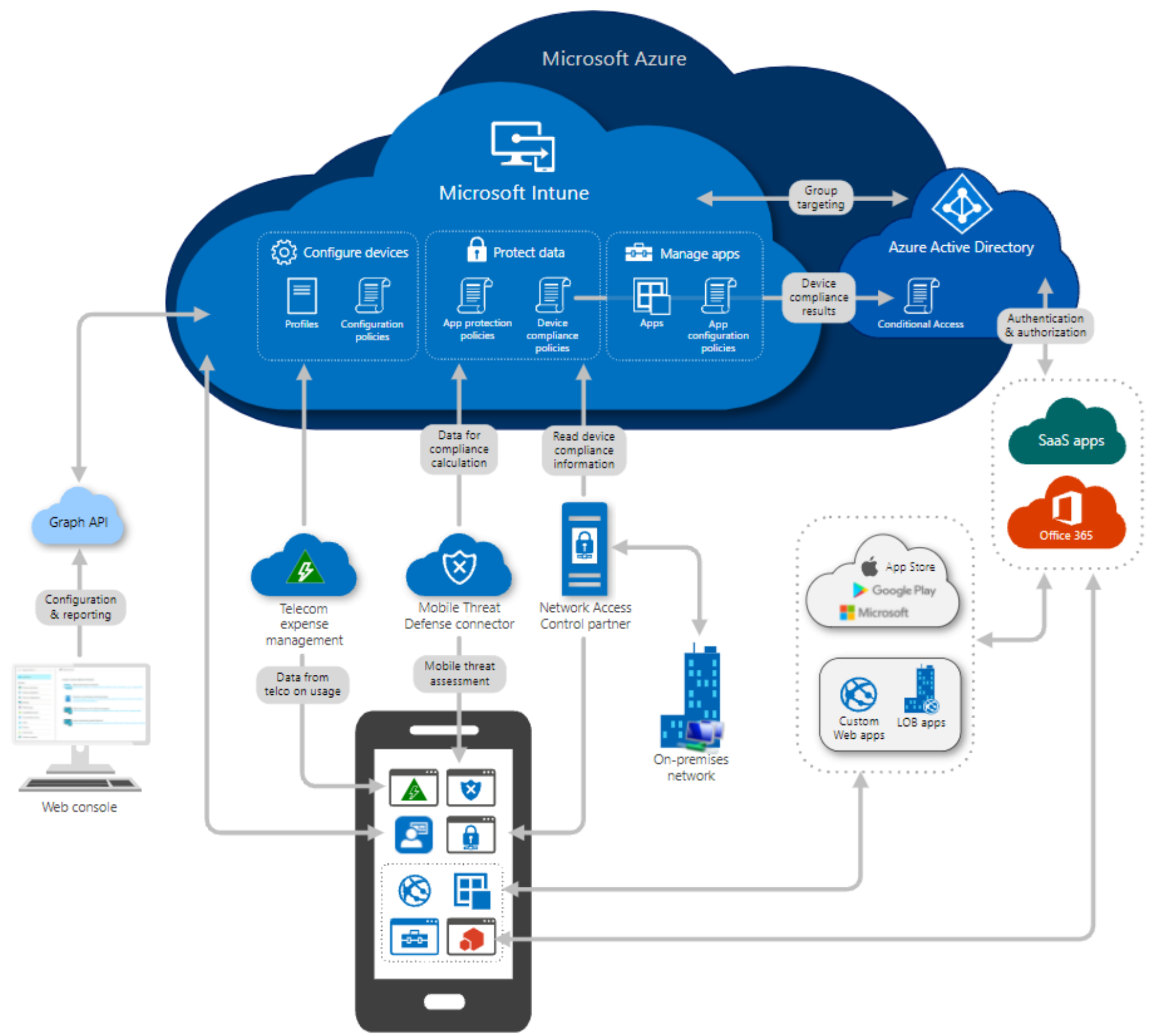
- Cloud Service
- Component of EM+S
- Mgmt & security
- **Device** : MDM (Mobile Device Management)
- **Applications** : MAM (Mobile Application Management)
- **Identity** : (MFA + Windows Hello)
- Laptops, smartphones & tablets
- Windows 10/11, iOS, MacOS, Android



Microsoft INTUNE

- Complete life-cycle
- Deployment & distribution
- Windows Autopilot (W10/11)
- Zero-touch deployment (Apple & Android)
- Application mgmt & data protection
- Updates distribution
- Mgmt & security
- Policies
- Configurations & restrictions
- Information
- Inventory, reports, compliance...
- "End of life"
- Delete, Wipe, Reset possibility





Traditional vs modern mgmt for W11

Windows 11 version	ConfigMgr 2006	ConfigMgr 2010	ConfigMgr 2103	ConfigMgr 2107	ConfigMgr 2111
21H2 (10.0.22000)	✗	✗	✗	✓	✓

SCCM

- Upgrade to latest version
- Install CMG (+ co-mgmt)

Intune

- Seamless integration W11
- Connectivity & reachable
- EM+S
- Zero-trust
- Conditional Access
- Baselines
- Defender integration

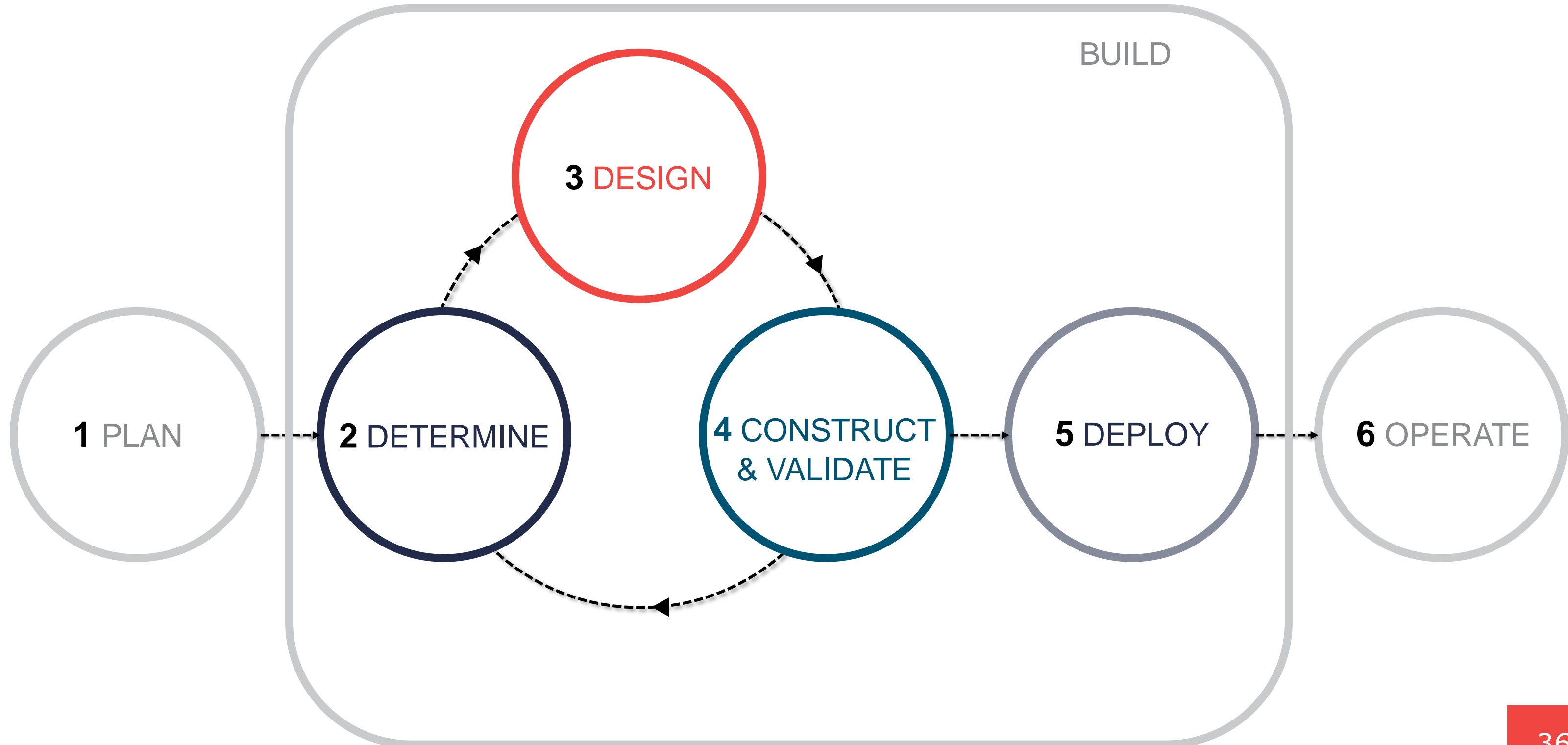
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Migration to W11

Methodology

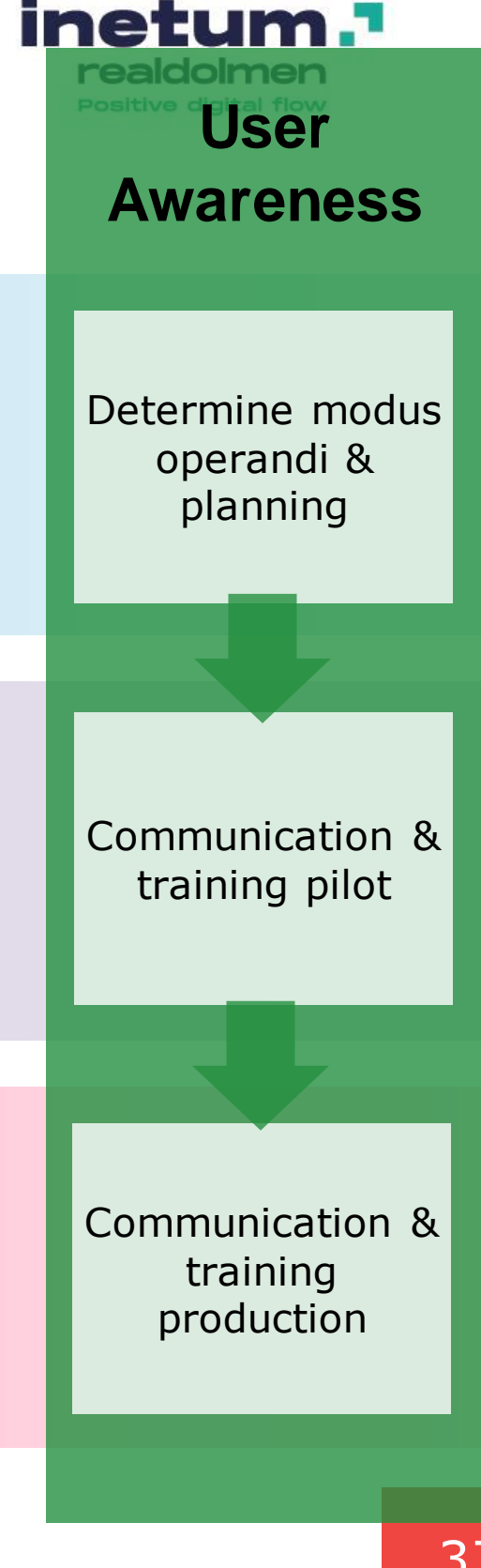
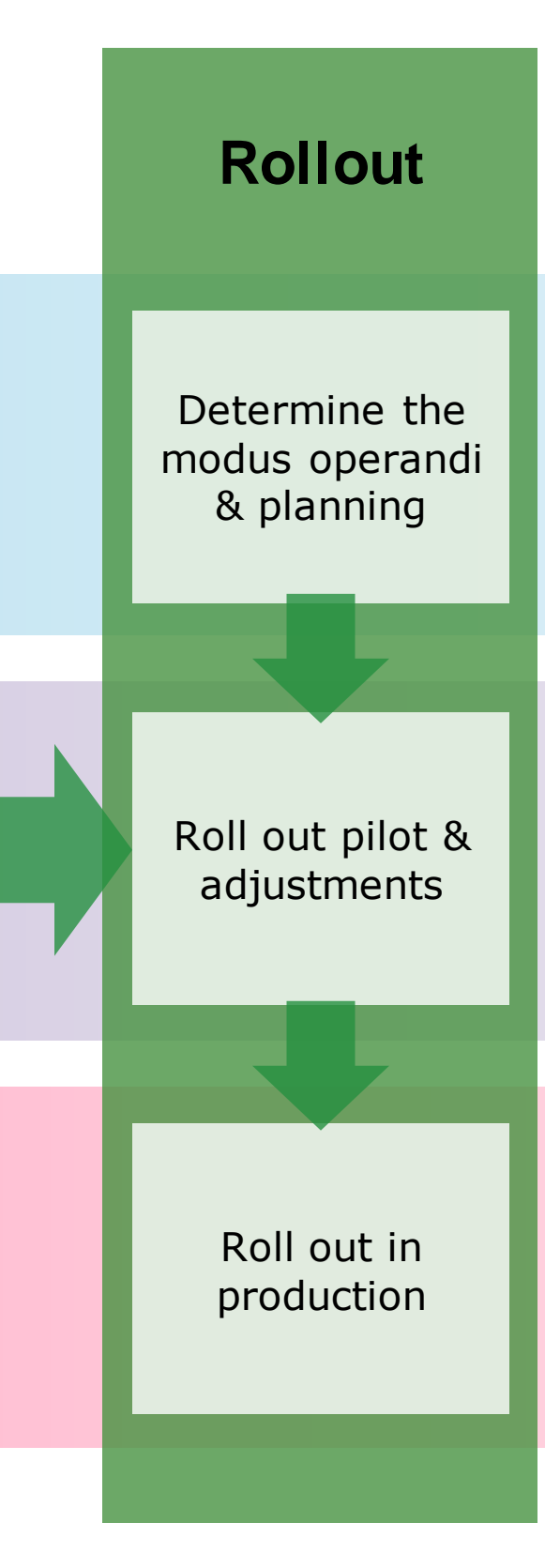
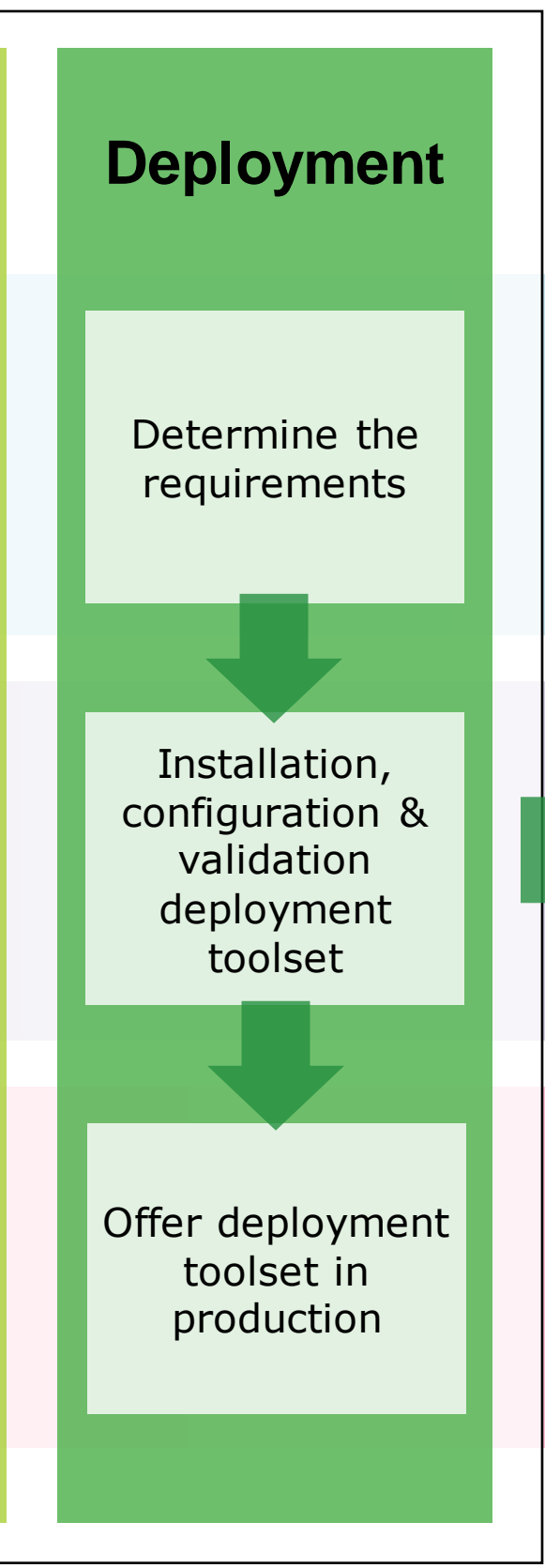
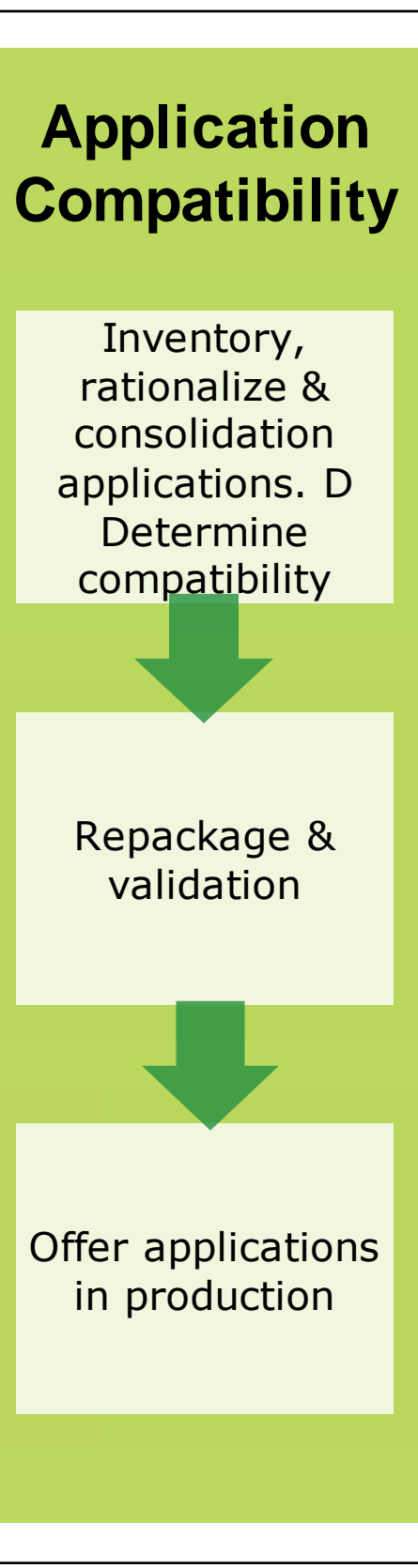
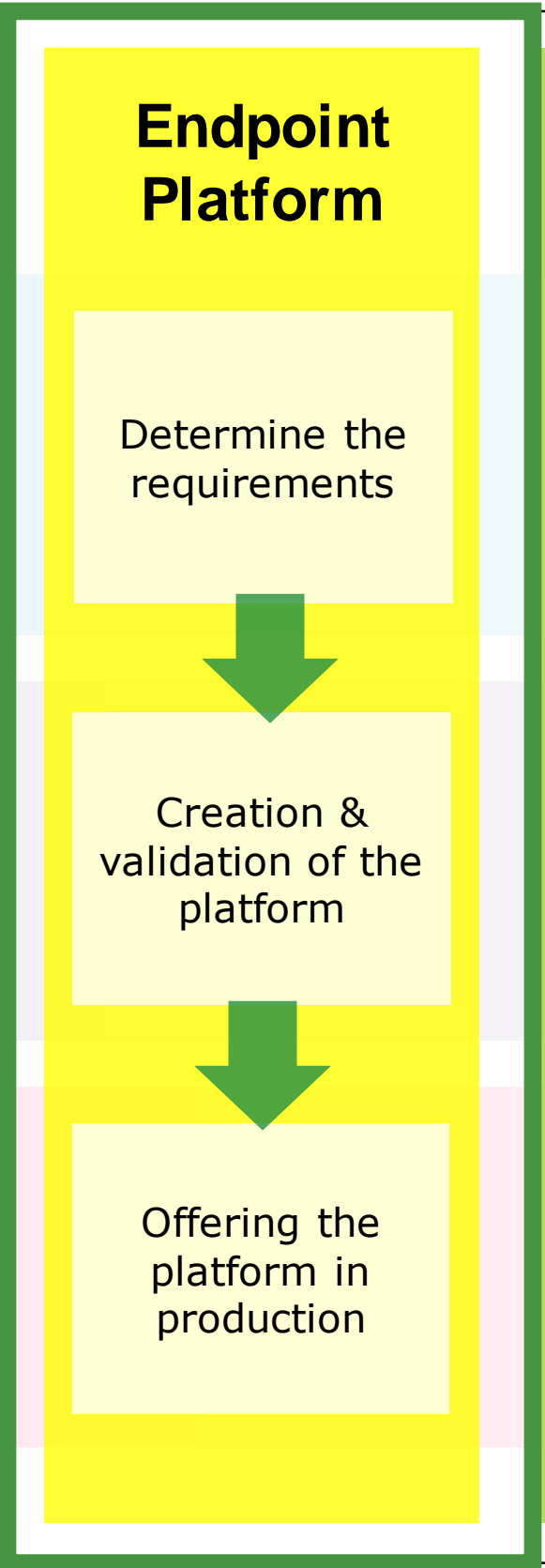


CLIENT MIGRATION

Determine & Design

Construct & Validate

Deploy



Endpoint Platform - Determine & Design

- Determine requirements
- Analyse & determine customers needs
 - Functional & non-functional requirements
 - Business requirements
 - Create & validate requirements document
- W11 Workshops & Customer assessments
- Investigate customers specific side conditions
- AAD, AD, Citrix, VDI,

- Technical design W11 platform
 - Determine specifications
 - Policies & Device Configurations
 - W11 Features on/off
 - List verifications/ checklists
 - Team meetings

CLIENT MIGRATION



Endpoint Platform - Construct & Validate

- Initial setup environment W11
- Preparation environment
- Initial installation of the technical components
- Testing of the technical components
- Documenting the technical components
- Global quality control
- Integration & migration environment
- Integration of W11 environment in the customer environment
- Create & test migration & fallback plan
- Quality control / testing
- Validation by customer

CLIENT MIGRATION

Construct &
Validate

Endpoint Platform

Creation &
validation of the
platform

Endpoint Platform - Deploy

- Possible re-installation of technical components
- Final choices around the migration organization.
- Draw up a Deployment Plan
- Assessing risks.
- Overall planning of the total deploy
- Overall communication about the deploy
- Determining support during pilot & rollout

CLIENT MIGRATION

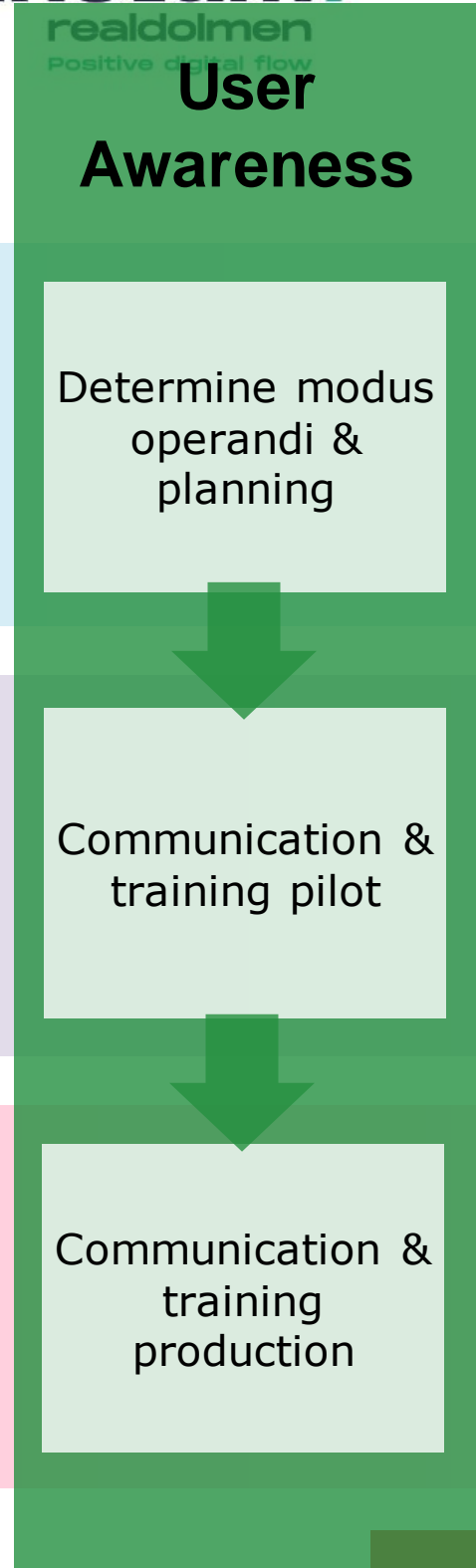
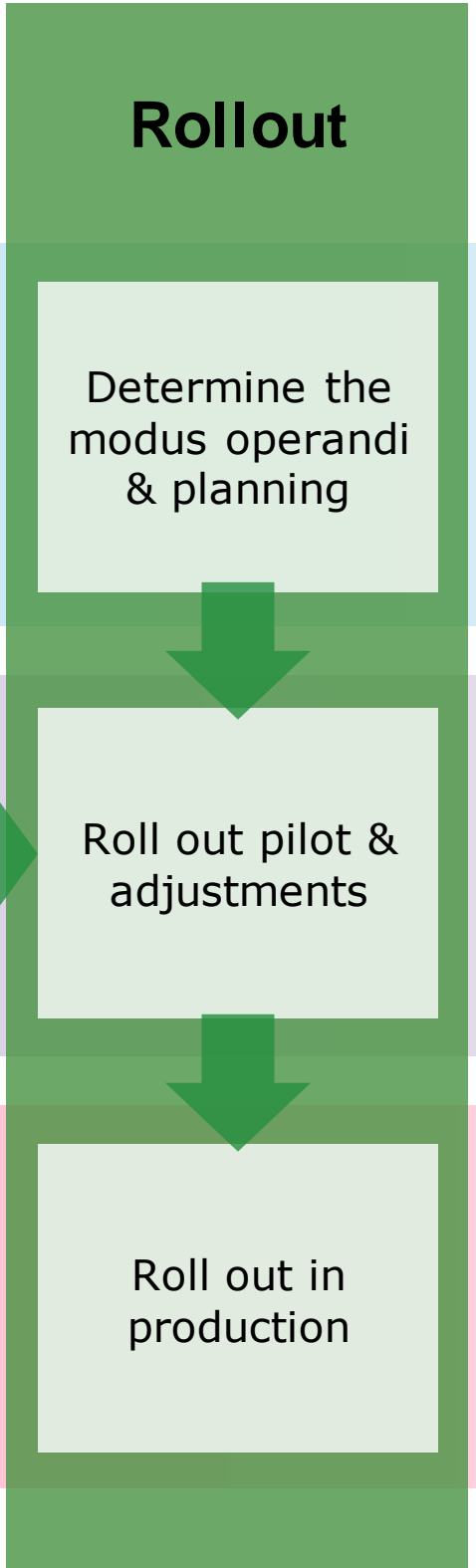
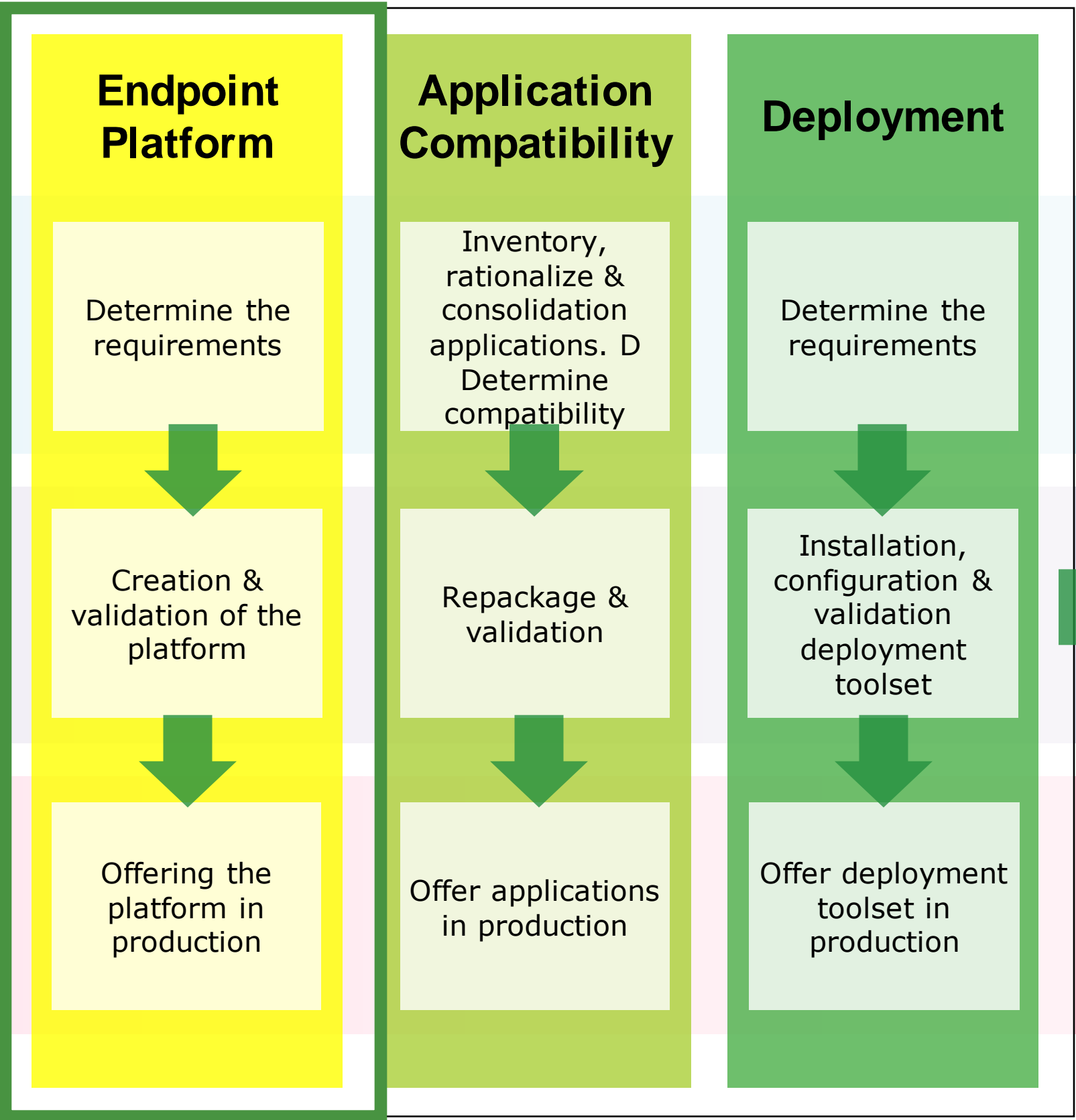


CLIENT MIGRATION

Determine &
Design

Construct &
Validate

Deploy



Application Compatibility - Determine & Design

- Inventory
- Info sources
 - Scm, Asset Mgmt, Serv Mgmt, ...
- Resources
 - MSI, MSIX exe, ...
- Rationalization & consolidation
- Grouping
- Manufacturer
- Product
- Version
- Determining compatibility
- Determining priority
 - # users
 - Business critical

CLIENT MIGRATION

Determine &
Design

Application Compatibility

Inventory,
rationalize &
consolidation
applications. D
Determine
compatibility

Application Compatibility – Construct & Validate

- Repackaging
 - Intakes & docs
 - Msi, App-V, citrix migration,
 - Software library
-
- Validation
 - Testing
 - <> testing by <> people
 - Approval by key users
 - Acceptance
 - Intake doc signing

CLIENT MIGRATION

Construct &
Validate

Application Compatibility

Repackage &
validation

Application Compatibility – Deploy

- After acceptance
- In SCCM:
 - Folder
 - Advertisement
 - Deployment
 - Collection
- Software library
- Part of 'Deploy / Client Migration'
- Tracking
- Reports

CLIENT MIGRATION

Deploy

Application
Compatibility

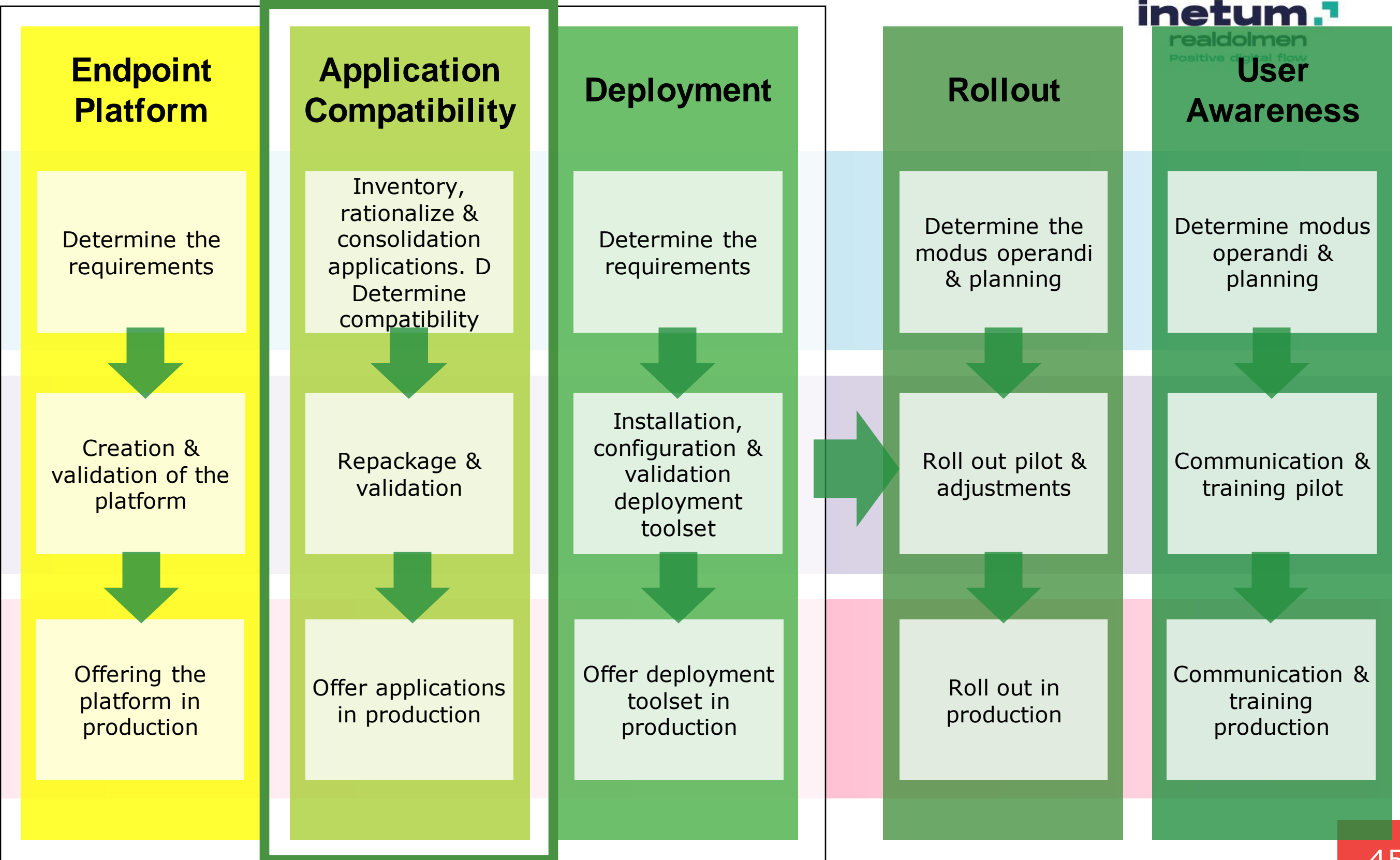
Offer applications
in production

CLIENT MIGRATION

Determine &
Design

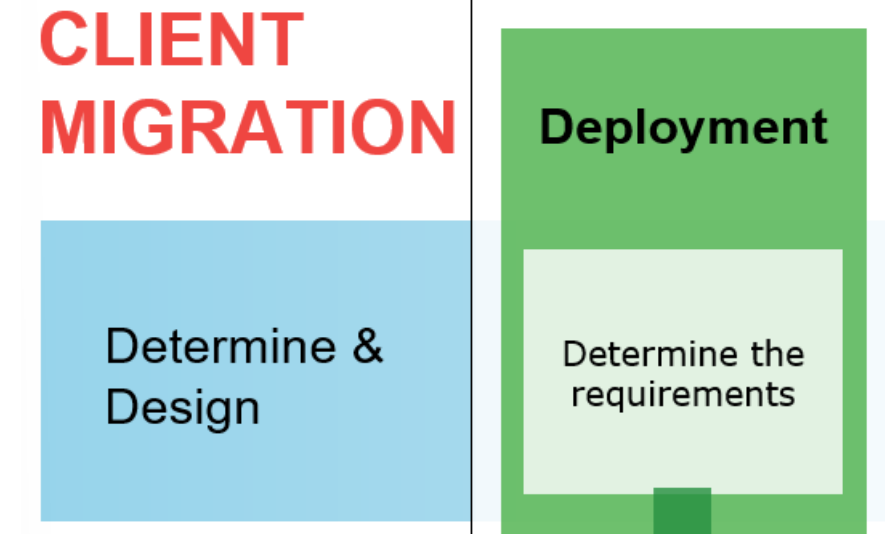
Construct &
Validate

Deploy



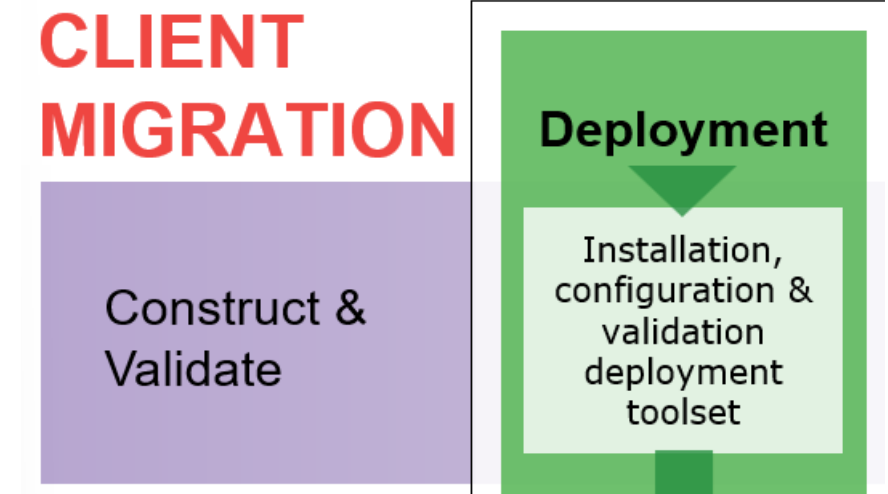
Deployment – Determine & Design

- Defining Deployment Platform
- Envision Customer Environment
- Network
- Sites
- Life cycle mgmt
- Cloud Services
- Design Management Toolset
- Specifications
- Architecture
- Reports



Deployment – Construct & Validate

- Setup complete deployment platform
- Configuring the complete toolset
- Testing of features
- Deployment
- Software delivery
- Inventory
- Updates ...
- Setup validated by customer
- Adjustments where needed
- Configurations Profiles
- Apps required/available
- ...



Deployment – Deploy

- Mgmt toolset becomes production
- Merging with
- Endpoint Platform
- Applications
- Updates
- Policies

CLIENT MIGRATION

Deploy

Deployment

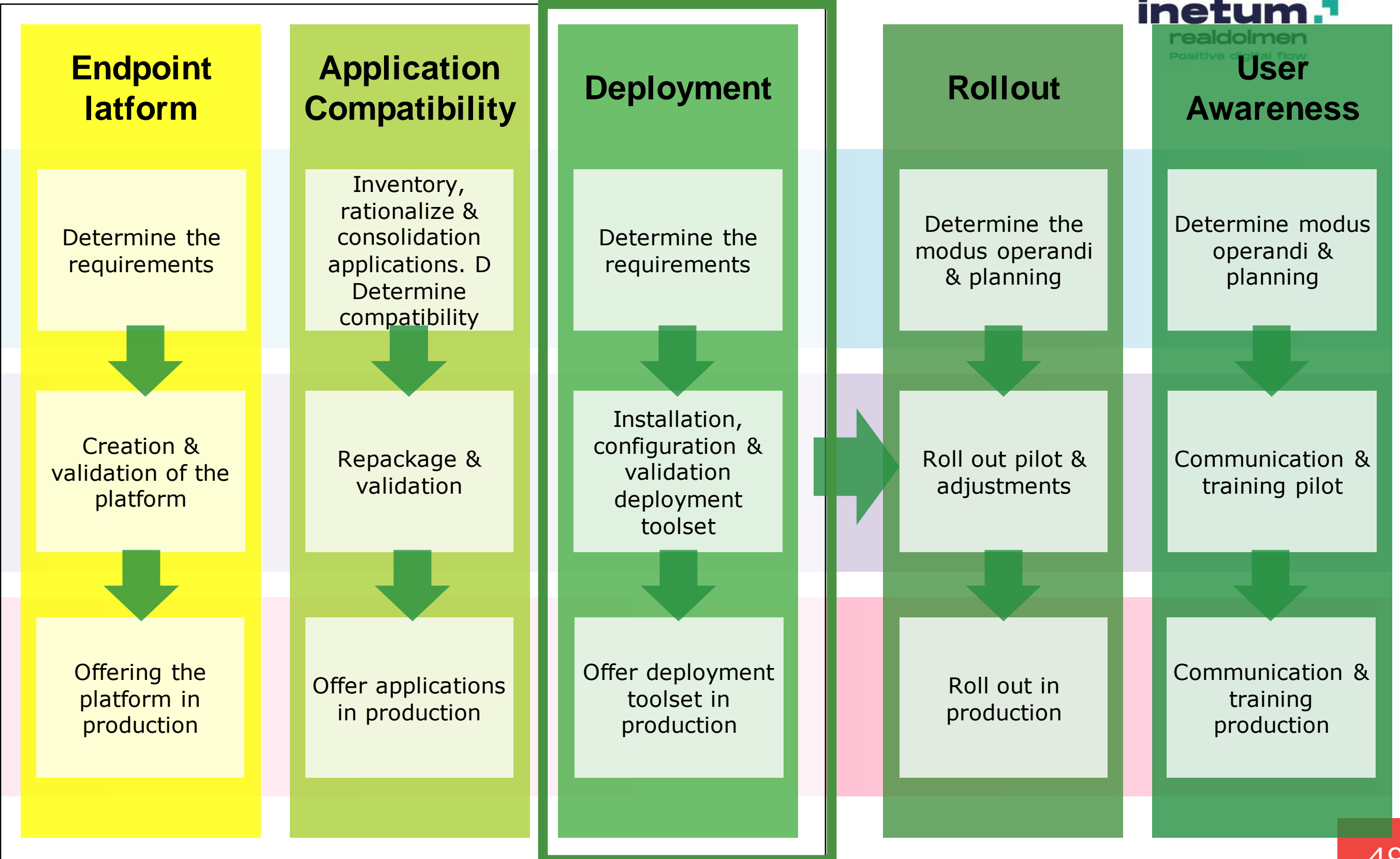
Offer deployment
toolset in
production

CLIENT MIGRATION

Determine &
Design

Construct &
Validate

Deploy



Role out & User Awareness

- Determining
- Modus operandi
- Deploy / distribute machines themselves ?
- Centralized or decentralized rollout points ?
- Use self-service model?
- Which actions with user
- Pilot
- Rollout to pilot user group
- Final adjustments
- Which trainings?
- Communication
- Who, what, when, how ...
- End-user training

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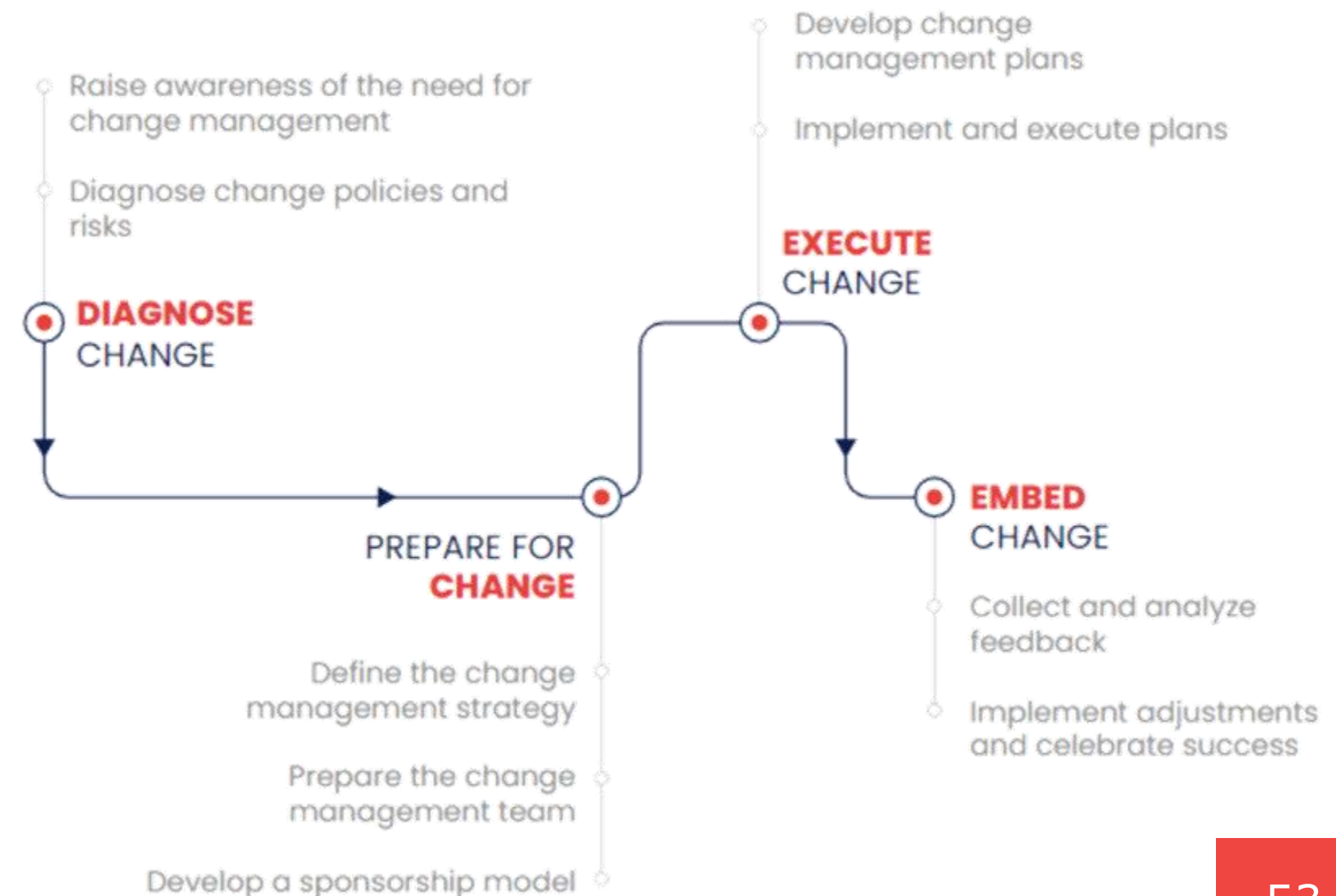
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User adoption



User Adoption – Tips & tricks

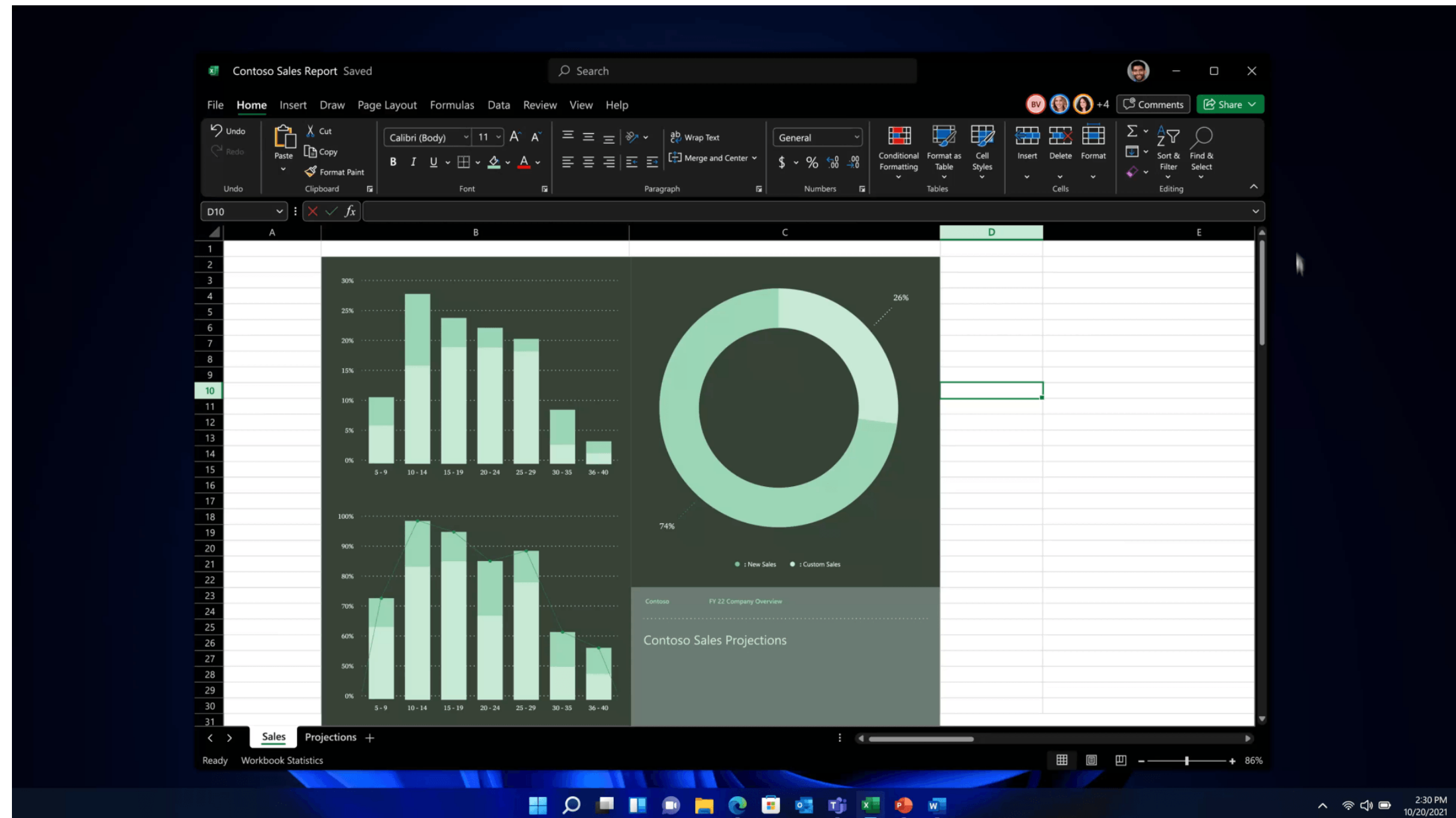
- Organizations often fail to achieve a satisfactory of users on changes
- Because the change is not supported by the employees
- Realdolmen can assist you with all aspects of change management.
- Our approach is based on the Prosci® ADKAR® model



User Adoption – Tips & tricks : SNAP

Snap with a mouse.

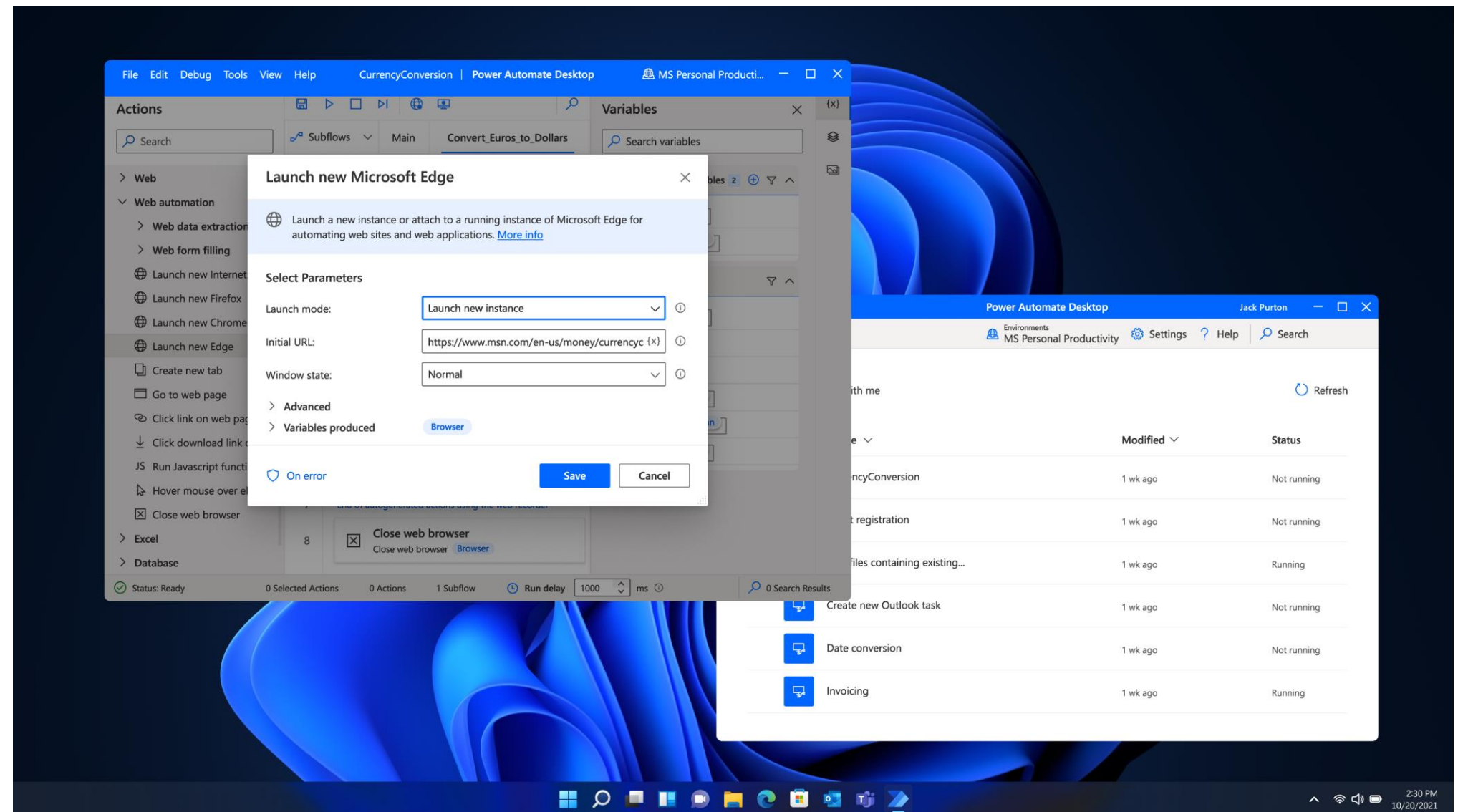
Snap with a keyboard.



User Adoption – Tips & tricks : Power Automate

Windows 11 ships with **Microsoft Power Automate** desktop, a low-code solution that empowers coders and non-coders alike to automate processes and tasks right from their Windows desktop.

Power Automate includes a flexible recorder, 400+ out of the box actions, and drag-and-drop designer.



User Adoption – Tips & tricks : Multiple Desktops

A more powerful way to multitask.

Multiple desktops are great for keeping unrelated, ongoing projects organized, or for quickly switching desktops before a meeting.



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Conclusions

1

Windows 11 is much like W10, but mainly with new interface

Arrival of Windows 11 has impact on all of us

2

Not just interface: security improvements

Hardware : Secure Boot + TPM + UEFI + Pluton

IDs : biometrics + MFA Conditional Access

Applications : Conditional Access + EM+S ...

3

New hardware is necessary to benefit from

New security improvements

Performance

Reliability

Conclusions

4

Migration track phased

Plan

Build

Determine

Design

Construct & Validate

Deploy

Operate

5

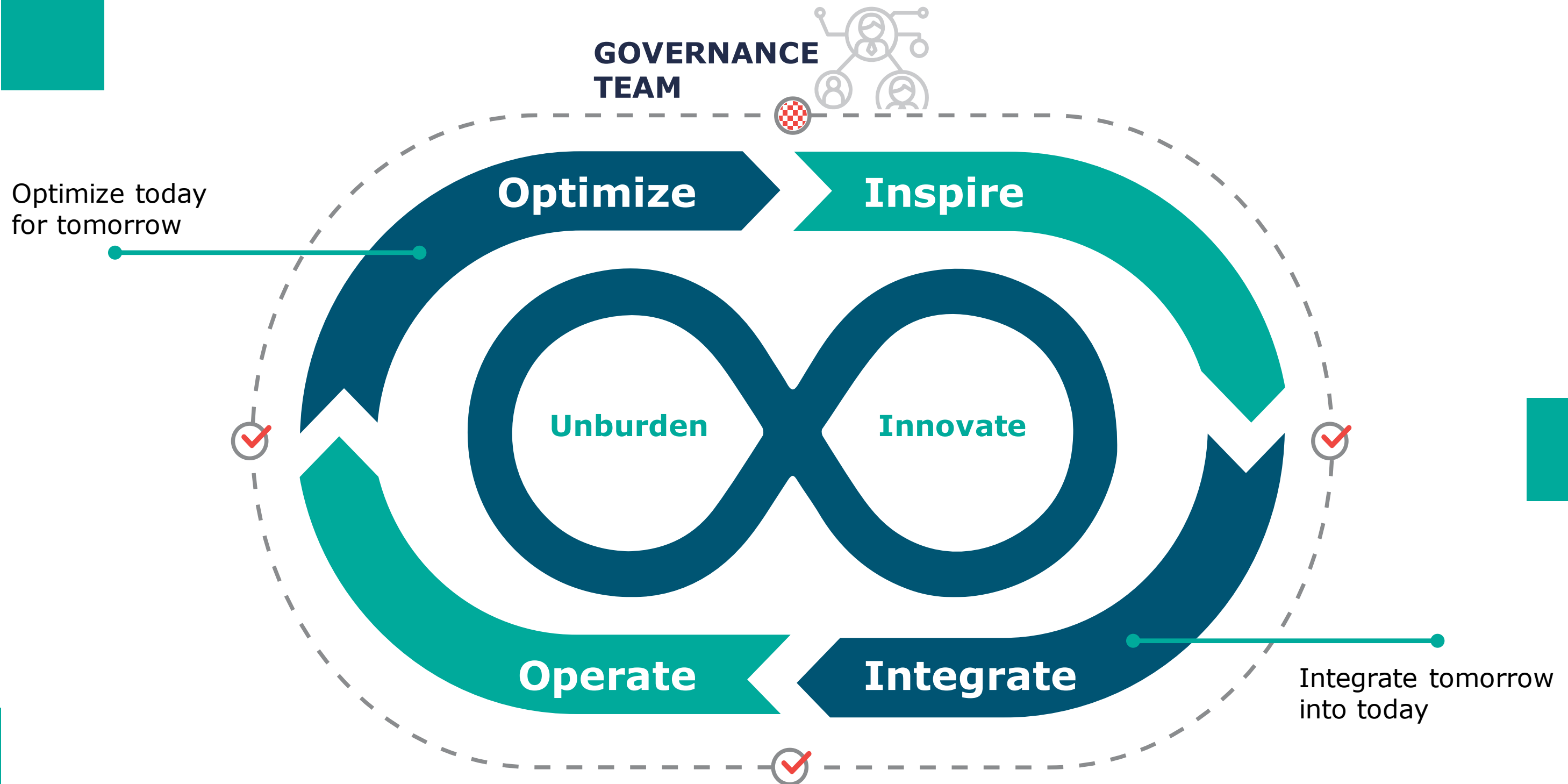
Inetum-Realdolmen can assist in

Assessments

Migration

User adoption

In order to **keep your balance**, you must **keep moving**



**GOVERNANCE
TEAM**



Optimize

Inspire

Unburden

Innovate

Operate

Integrate

- Wiki events
- Business Productivity Roadmap
- M365 Roadmap
- M365 Jumpstart

- Security Priority Assessment
- Calling Assessment
- Proactive Services
- Training, user adoption, change management

- Managed Services
- Workplace as a Service

- Migration
- Optimization

What's next

No big step



4.1 Scope

This engagement applies to the scope shown in the below table for Windows.

Table 1: Windows - Health Check Report Scope

Scope	Name	Count
Devices	Device Configurations	#
Scripts	Powershell Scripts	#
Applications	Applications (Win32)	#
	Applications (LOB)	#
	Applications (Market)	#
Endpoints	Datastore	#
Security Baselines	Security Baselines Windows	#
Security Baselines	Security Baselines Edge	#
Security Baseline	Security Baselines Defender	#

Upgrade =
challenge

Education

Een leven lang leren is geen mythe, maar een kerkende noodzaak en vaak ook een behoefte van de huidige generatie werknemers. De houdbaarheidsdatum van competenties is immers gevoelig ingekort. De digitalisering heeft een steeds grotere impact op de inhoud van jobs in alle domeinen en op elk niveau. De skills van uw mensen blijvend up-to-date houden is essentieel.

Inetum-Realdoimen Education is sinds 1992 een gevestigde waarde in de IT-opleidingsmarkt en biedt kwalitatieve IT-training voor eindgebruikers, IT-professionals en developers.

Ontdek onze volledige opleidingskalender

De domeinen waarin wij actief zijn

End user
De IT-tools die organisaties gebruiken veranderen voortdurend, elke informatie werker wordt wel eens geconfronteerd met nieuwe tools.
Ons opleidingsaanbod richt zich voornamelijk op alle Microsoft (Office en Dynamics) tools. Ook voor OpenOffice en Google kan u bij ons terecht.
Overzicht aanbod end user

IT Pro
Voor IT-medewerkers is ons opleidingsaanbod heel uitgebreid:
• Microsoft Servers, Azure en MS365
• Methodologie training zoals ITIL, Agile, SCRUM, Pmoo2, enz.
Overzicht aanbod Azure
Overzicht aanbod MS365 & Power Platform

Developer
Wij bieden opleidingen aan voor zowel Java als Microsoft Developers en testers.
Overzicht aanbod Development
Overzicht aanbod Atlassian

Formules

ILT
ILT of Instructor Led Training is een IT-opleiding in een traditionele klassieke vorm. Onze trainers maken de opleiding zo interactief mogelijk met een dynamische afwisseling tussen theorie en praktijk.
We geven de opleiding on-site of in een van onze Inetum-Realdoimen vestigingen in Huisdun, Kortrijk of Gent.

VLT
VLT of Virtual Instructor Led training is de virtuele versie van een klassieke training. De opleidingen worden online gegeven via MS Teams of een andere tool waarbij de deelnemers de opleiding van thuis kunnen volgen.
Ook in deze vorm zorgen we voor zoveel mogelijk interactie en weten we af tussen theorie en oefeningen.

e-Learning
Wij maken e-learning op maat. Dit kan gebruikt worden voor maatwerk of korte modules waarvan de content niet vaak wijzigt. Deze korte modules zijn ideaal om te gebruiken in het onboarding proces of voor algemene topics waar iedereen in de organisatie mee in aanraking komt. Bijvoorbeeld:
• Hoe moet ik verif aanvragen?
• Hoe kan ik iets terugvinden in SharePoint?
• Hoe moet ik mijn Out of Office instellen?

Coaching
Een individuele opleiding of coaching kan interessant zijn wanneer slechts 1 medewerker snel specifieke skills moet leren of om deelnemers op gelijk niveau te brengen zodat zij daarna kunnen overstappen naar een klassieke training of opleidingstraject.

QSA
Een trainer komt langs om specifieke vragen rond de verschillende Office tools te beantwoorden. We voorzien een specialist per domein. Deze service kan uiteraard ook online worden gegeven.

Floorwalking
Onze trainer komt langs om bij alle medewerkers tijdens hun werk een te posen of er nog vragen zijn rond het gebruik van de verschillende IT-tools. Dit wordt vaak toegepast na een softwareupdate of implementatie.

Opleidingstrajecten
In samenwerking met u bouwen we specifieke opleidingstrajecten voor een bepaald doel/publiek. Bijvoorbeeld:
• Maintance programmeurs omscholen naar Java
• MS Office traject voor medewerkers die voorheen geen computer nodig hadden

Change management
De adoptie van een nieuwe tool of de omschikting naar een nieuw programma is een verandering. Enkel wanneer deze verandering geborgen wordt door de gebruikers, kan de volledige toegewijde waarde gerealiseerd worden. Change management speelt hierin een belangrijke rol.
[Meer info](#)

Visible
changes

Hardware
compatibility

Workplace as a Service
Versterk uw medewerkers.

Begin bij uw werkplek.

De term is brandend actueel: de moderne werkplek, ook wel bekend als de digital workplace. Maar wat is het en wie heeft er nood aan? Eigenlijk is het heel simpel. De moderne werkplek is **wat de medewerker wil** om resultaten te behalen op de manier die hij of zij wil. De beleving van de eindgebruiker is nu eenmaal erg belangrijk. Het vervullen van basissbehoeften zijn we allang voorbij, het is tijd om een stap verder te gaan.

Neem contact met ons op voor meer info van onze experts.



Ga voor totale ontzorging

Hoe gemakkelijk komen aan de hoge eisen van uw werknemers op het vlak van technologische werkplek en het beheerbaar houden voor uw IT'ers zodat ze nog tijd hebben om te focussen op uw corebusiness? Workplace as a Service biedt een antwoord op al deze uitdagingen.



Hoe ziet Workplace as a Service eruit?

Met Workplace as a Service van Inetum-Realdoimen geeft u uw werknemers de juiste tools voor maximale prestaties terwijl u het operationele beheer van uw werkplek vereenvoudigt. **Premium hardware, software en services** voor de next-gen digitale werkplek in een **eenvoudig dienstenmodel**. Stel zelf uw pakket samen en schaal eenvoudig op en af op basis van uw noden.



Toekomstige events

31/3

AWS Summit Brussels

26/4

Oplossingen voor uitdagingen van lokale entiteiten

Raamcontracten Brugge en Aalter

28/4

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Webinars on demand

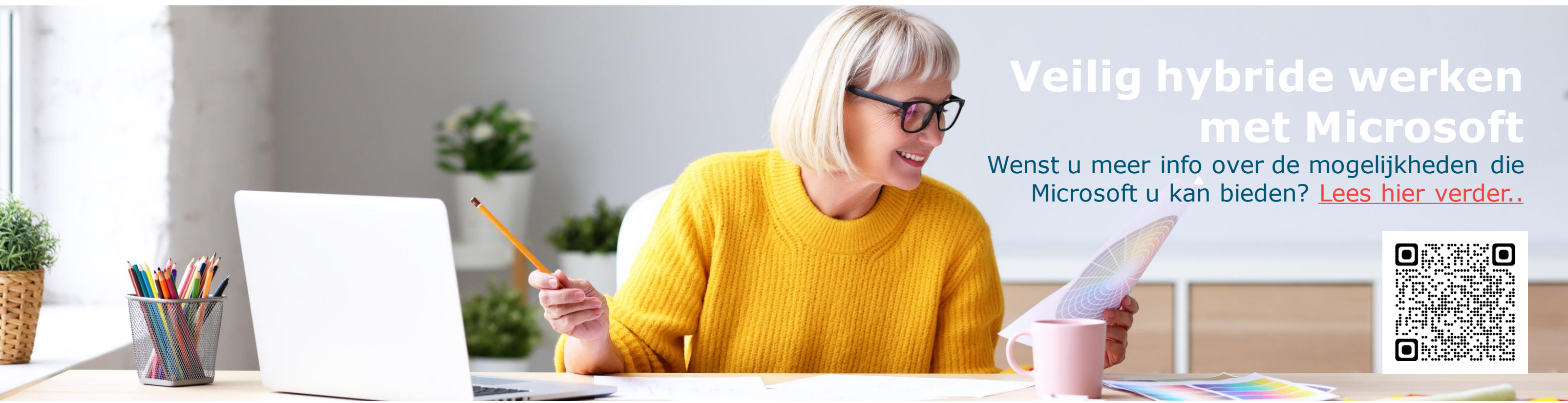
De kracht van Teams al contact center

Eén aspect dat dikwijls op de achtergrond is geraakt, is de rijke telefoniefunctie of 'calling' die Teams biedt. Teams is volledig aanpasbaar aan ieders telefoniebehoeftes. Wat zijn de telefoniemogelijkheden van Teams? Bekijk het [hier](#).



Employee productivity & employee engagement hand in hand

Hoe ervoor zorgen dat de gebruikers efficiënt werken en 'betrokken' blijven? Maak kennis met de nieuwe gebruikerservaring met Microsoft Viva. Bekijk het [hier](#).



Veilig hybride werken met Microsoft

Wenst u meer info over de mogelijkheden die Microsoft u kan bieden? [Lees hier verder..](#)



Contacteer ons via:

- info@inetum-realdolmen.world
- Uw vertrouwde contactpersoon bij Inetum-Realdolmen
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