

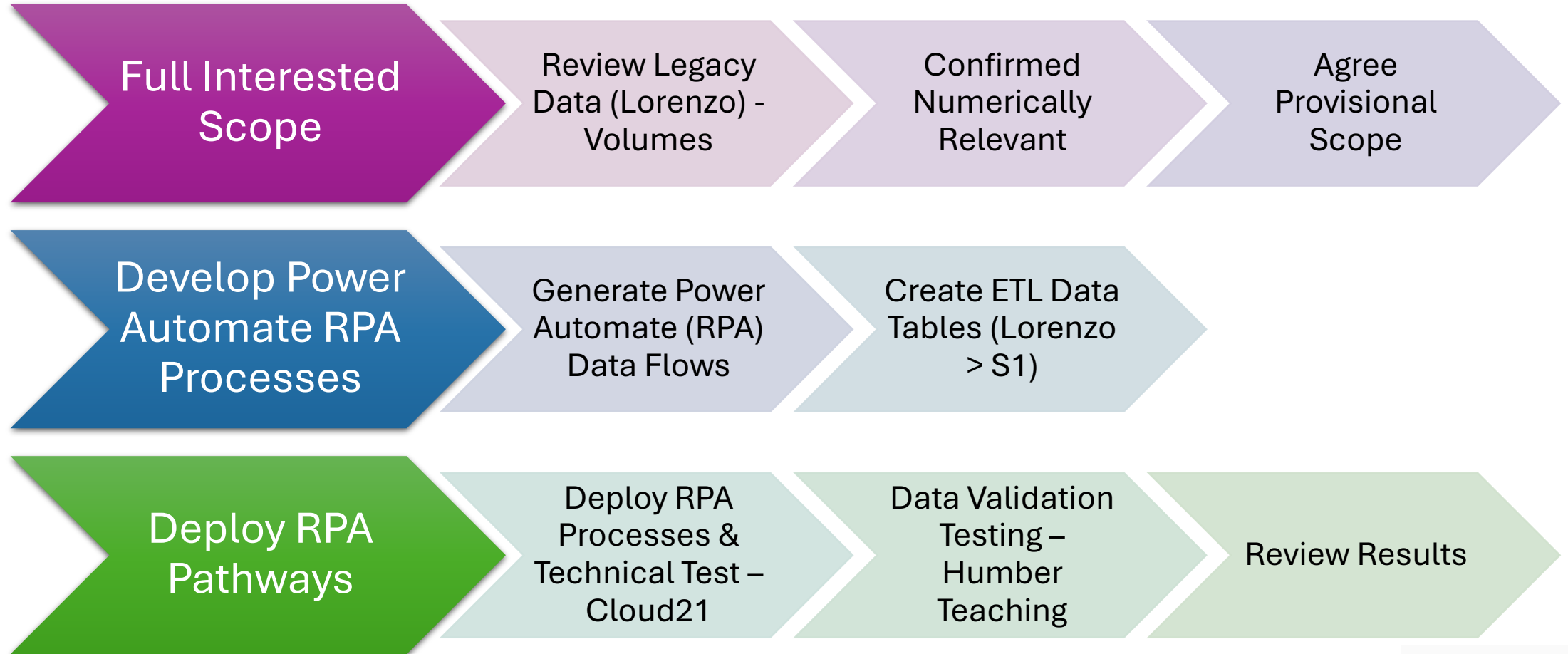
RPA Data Migration

Lorenzo – SystemOne

presentation Jan 2025

Presenters: Linda Grice, Digital Product Specialist - Humber Digital Team
Matthew Bell, Head of Data Services Programme Management - Cloud21

Proof of Concept



RPA Proof-of-Concept Timings

Patient Registration

RPA- 1 min & 19 seconds

Manual – 1 min 30 seconds

Patient Status

RPA- 3 min & 30 seconds

Manual – 5 min 30 seconds

Patient Referral & Waiting list allocation

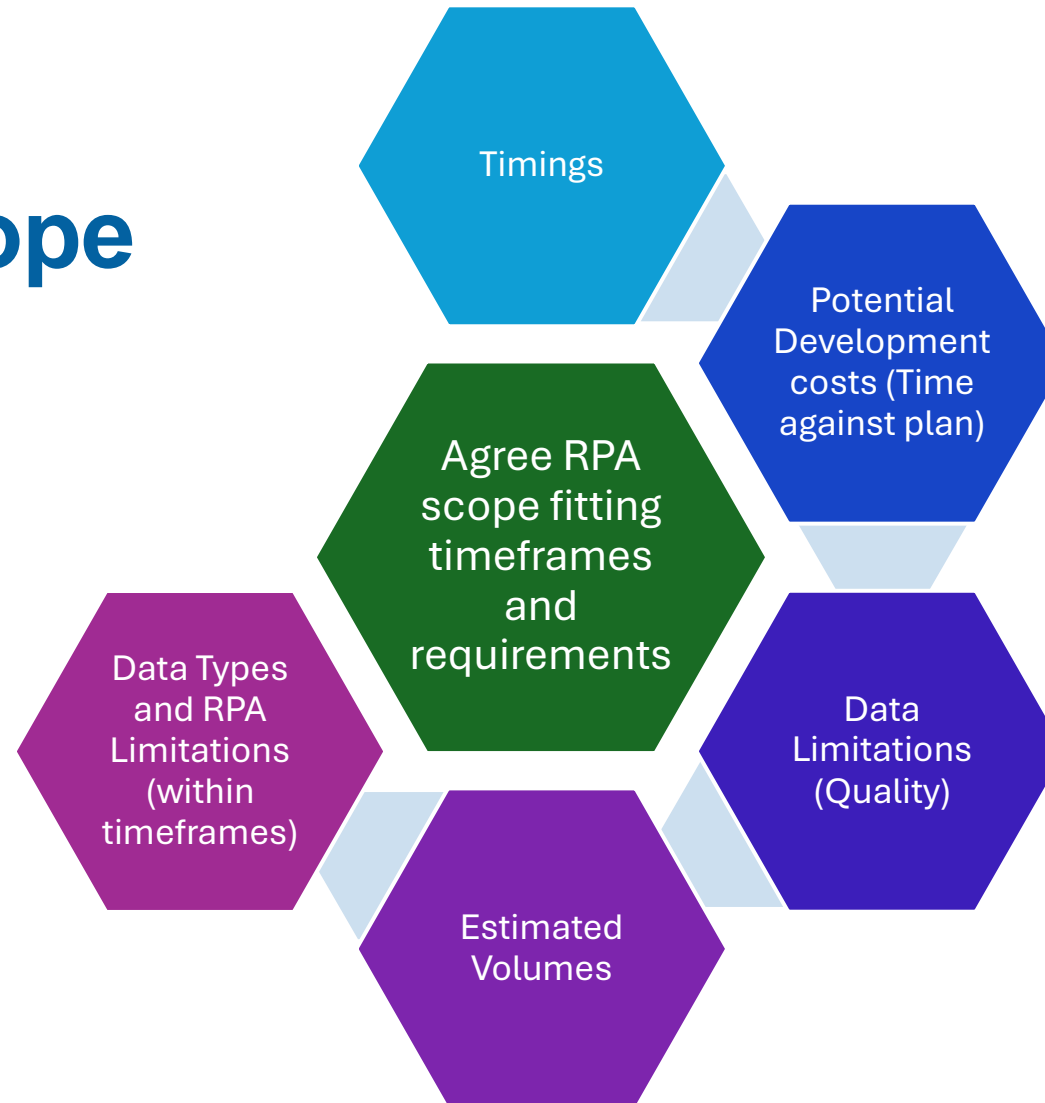
RPA- 1 min & 48 seconds

Manual – 4 min 30 seconds

Patient Document migration

Manual – 10 min Averages

Finalising Scope



Agreed Scope was identified - MVP Data to Migrate

RPA Data migration

- Patient Registrations
- Additional identifiers
- Relationships
- Patient statuses'
 - Overseas charging
 - Accommodation
 - Social Inclusion
 - Employment
- Patient Referrals
- Access Plans/Waiting Lists
- Future Clinic Appointments
- Problems/diagnosis

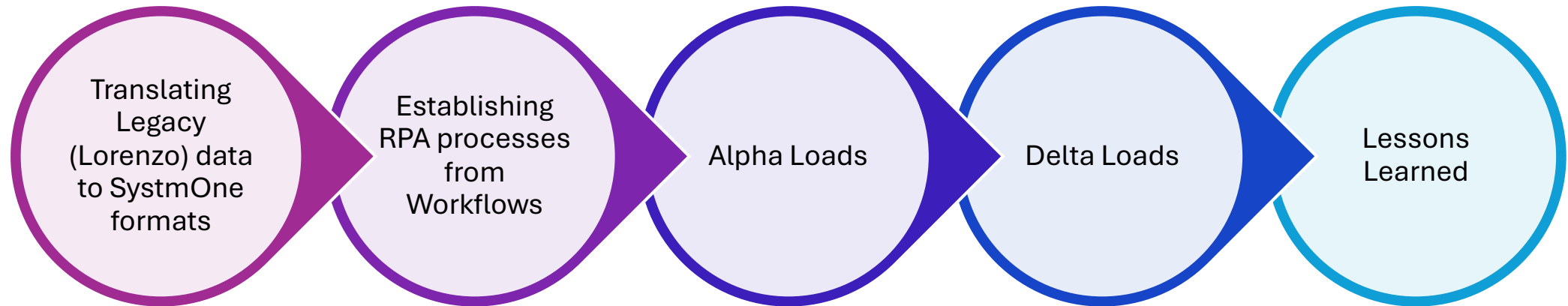
Manual Data migration

- CDC Forms
- Clinical Notes
- Ward Admission
- Ward Transfers
- RPA exceptions
 - (patient record anomalies)

Challenges to Manual Migration

- Manual Migration Data Entry staff recruitment and training
- Clinical Systems Variances - Learning the terminology
- Learning about record sharing over multiple units

RPA Development and Go-Live 2



- Patient Registration
- Patient Demographics & Secondary Patient information
- Referrals & Waiting Lists

- How to scope them
- Art of the possible vs. Feasible
- Exception reporting



Patient Registration

[Patient Search](#) | [Practice Search](#) | [Patient Details](#)

Demographics

Changing patient demographics using this screen will change them for all SystemOne users and may update Spine.

NKS number: 2304353142
 Hospital number: **DM1298998**
 Title:
 First name:
 Middle name(s):
 Surname:
 Gender:
 Known as:
 Date of Birth: On

Registration

Registered practice:
 School:
 Patient Carer Currently in armed forces Prisoner

Other details

Marital status:
 Ethnicity:
 Occupation: Clinical Term Free-text
 Language:
 English speaker: Unknown
 Religion:

Contact

Home phone:
 Mobile phone:
 Email address:

Aliases

Title	First Name	Middle Names	Surname

Addresses

From	Type	Address	Use For Searching	Use For Correspondence

No addresses recorded

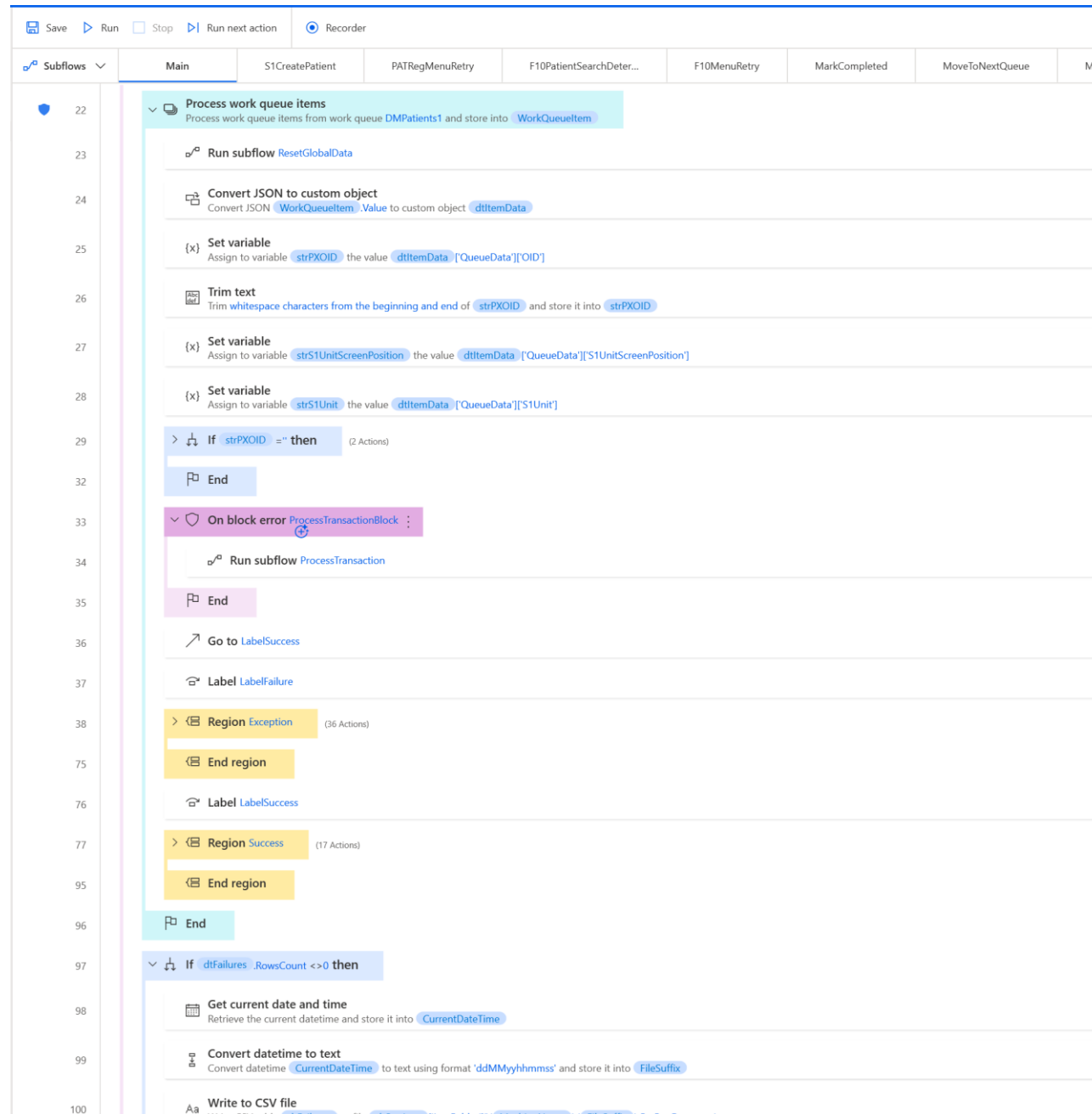
Relationships

Type	Name	Next of Kin	Carer	Telephone	Address

No relationships recorded

teams.microsoft.com is sharing your screen. [Stop sharing](#) [Hide](#)

Power Automate RPA Process – Error Logging



The screenshot displays a Power Automate flow with the following steps:

- Process work queue items** (Main subflow)
- Run subflow** ResetGlobalData
- Convert JSON to custom object** (Convert JSON from WorkQueueItem.Value to custom object dtItemData)
- Set variable** (Assign to variable strPXOID the value dtItemData.[QueueData].[OID])
- Trim text** (Trim whitespace characters from the beginning and end of strPXOID and store it into strPXOID)
- Set variable** (Assign to variable strS1UnitScreenPosition the value dtItemData.[QueueData].[S1UnitScreenPosition])
- Set variable** (Assign to variable strS1Unit the value dtItemData.[QueueData].[S1Unit])
- If** strPXOID = " then (2 Actions)
 - End
- On block error** ProcessTransactionBlock (2 Actions)
 - Run subflow ProcessTransaction
 - End
- Go to** LabelSuccess
- Label** LabelFailure
- Region Exception** (36 Actions)
 - End region
- Label** LabelSuccess
- Region Success** (17 Actions)
 - End region
- End**
- If** dtFailures.RowsCount <> 0 then
 - Get current date and time** (Retrieve the current datetime and store it into CurrentDateTime)
 - Convert datetime to text** (Convert datetime CurrentDateTime to text using format 'ddMMyyhhmmss' and store it into FileSuffix)
 - Write to CSV file**

Go Live 2-CAMHS Data Migration & Validation

Patient Registration	Demographics (PDS variances to be updated on Go live by Clinical teams)				Relationships	Alerts			Patient Statuses								Outpatient Referrals/Bookings		Notes and Forms								
	Gender	Date of Birth	Additional Demographics (Addresses, GP, Phone) PDS Managed RPA	Additional Identifiers RPA	Relationships RPA	Allergies RPA	Alerts RPA	Problems /Diagnosis /Health Conditions RPA	Overseas charging RPA	Accommodation Status RPA	Social Inclusion RPA	Employment Status RPA	Legal Status (MHA) RPA	Stat Section 117 Status RPA	Mental Category (MHA) RPA	Other Patient Statuses RPA	Recent /Open Referrals details RPA	Outpatient /Community Waiting Lists RPA	FACE (Young Persons / Mental Health / LD) (LOR FORMS) or (LOR assessment)	Inspire CAMHS Inpatient Service Care Plan (LOR Clinic chart - Care plan)	IST MDT 6 Weeks Care & Stabilisation Plan (LOR Clinic chart - Care plan)	IST MDT Care Plan (LOR Clinic chart - Care plan)	LD Nursing Care Plan (LOR Clinic chart - Care plan)	LD Positive Behaviour Support Plan (LOR Clinic chart - Care plan)	SLT Communication SLT Dysphagia STOMP Care Plans (LOR Clinic chart - Care plan)		
Registered	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	Manual	1RPA	KC 24/03	null	null	null	null	null	null
Manual	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	Manual	1RPA	NA 20/03/24	null	null	null	null	null	null
RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	1RPA	Null KC 14/10	null	null	null	null	null	null
RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	1RPA	FD 19/03	null	null	null	null	null	null
RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	1RPA							
RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	RPA	1RPA							

Go Road To Go-Live 3

Applying Lessons Learned

Establishing baselines for data and processes

Adding in Future Outpatient Appointments

Establishing Rhythm of loading data

Processing initial loads

Considerations for RPA

- Simple vs. Complex (Type of work)
- Time saving vs. Development costs
- Technical Skillset
- Licencing Costs
- Considerations in Trust Strategies

Thank you
Q&A