



THE UPGRADE ASSESSMENT

THE UPGRADE ASSESSMENT PROCESS

IMPLEMENTATION STRATEGY FOR PARKLAND COUNTY


AGENDA

- Discuss components of an upgrade assessment
- Review Parkland County upgrade assessment deliverables
- Review Parkland County Results

PARKLAND COUNTY ASSESSMENT AGENDA

Day	Time	Event	People Required
Day 1: Oct 9	9:30 - 10:00	Kick-off	Steering committee, project team
(Tues)	10:15 - 12:00	Look and feel demo	Steering committee, project team and all subject matter experts
	1:00 - 1:30	Company structure	Project team, and relevant subject matter experts
	1:30 - 4:00	1 - Cash and Bank 2 - Financial Dimensions, Chart of Accounts 3 - Journals 4 - Tax	Project team and accounting subject matter experts
	4:00 - 5:00	Financial reporting	Project team and accounting subject matter experts
Day 2: Oct 10	9:00 - 10:15	Travel and Expense	Project team and Travel subject matter experts
(Wed)	10:30 - 12:00	Accounts payable	Project team and accounting subject matter experts
	1:00 - 2:00	Accounts Receivable	Project team and accounting subject matter experts
	2:15 - 4:00	1 - Project Management and Accounting 1.1 - Projects 1.2 - Funds 1.3 - Budgets 1.4 - Contracts 1.5 - Categories 1.6 - Posting Profiles 2 - Fixed Assets 2.1 - Types 2.2 - Groups 2.3 - Books 2.4 - Want to see what you do? 3 - Enterprise Asset Management 3.1 - Show and Tell	Project team and accounting subject matter experts
	4:00 - 5:00	Inventory and product information management	Project team and inventory subject matter experts
Day 3: Oct 11	8:00 - 10:00	Purchasing, supplier management	Project team and purchasing subject matter experts
(Thurs)	10:00 - 11:00	UNITE Steering Committee update	UNITE SC and RSM Team
	11:00 - 12:00	Human resources and payroll	Project team and HR subject matter experts
	1:00 - 2:00	Budgeting and planning	Project team and accounting subject matter experts
	2:15 - 5:00	Technical overview of 365	Project team, and technical
Day 4: Oct 12	9:00 - 12:00	Modifications, data migration, code migration	Project team, and technical
(Friday)	1:00 - 2:00	Third parties and integrations	Project team, and technical
	2:00 - 3:00	Wrap-up	Steering committee, project team

GOALS OF THE UPGRADE ASSESSMENT

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- Introduce you to the Dynamics 365 solution set
 - Identify your current processes and pain points
 - Discuss upgrade opportunities for your business processes
 - Discuss modifications, integrations, and third-party solutions
 - Review data migration requirements for your upgrade
 - Answer your questions about the upgrade process

PC ROLE IN THE UPGRADE ASSESSMENT PROCESS

Demonstrate the system with your current processes

Discuss current pain points

Describe how you use the system

Show any offline processes (Excel manual, other systems, etc.)

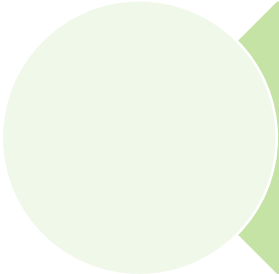
UPGRADE ASSESSMENT OUTCOMES



Upgrade Assessment Document



Statement of Work



Project Plan and Staffing

RSM FEEDBACK AFTER FIRST 2 DAYS

Observations	Recommendations
Not as complex as anticipated	Additional training
Minimal modifications to core AX	Integrations <ul style="list-style-type: none"> • Consider changing Bellamy integration into PMA Hours Journal
Issue/Challenges are business process rather than system related	Revisit build/configuration <ul style="list-style-type: none"> • Account Structures • Main Account Categories • MR Reports (Row, Column definitions)
Able to gain a few quick 'wins' <ul style="list-style-type: none"> • Filtering • Additional FA Value Models • Ledger Accrual Schemes • Document Handling 	Tighten up Security <ul style="list-style-type: none"> • Users able to open fiscal periods on 'Hold' allowing transactions to be posted
Standard AX functionality that will benefit PC has not been implemented	Implement standard AX/D365 functionality <ul style="list-style-type: none"> • Additional Journal Names • Periodic Journals • Grants • PO Prepayment Invoice

FOLLOW UP TOPICS

- Phase 0 – Current AX 2012
 - These items can be completed before the upgrade
- Phase 1 – D365 Upgrade
 - These items will be addressed during the upgrade
- Phase 2 – Future Consideration
 - These are items to be addressed after and outside of the upgrade project

PHASE ZERO ITEMS – AX2012

Module	Topic
GL	Add Sales Tax Payments
GL	Allocation Journals – Reallocations of financial dimensions
GL	Ledger Accrual Schemes (Prepaid Insurance)
GL	Create new Journal Names with unique Voucher Series (i.e. Reclass, Payroll, etc.)
Org Admin	Organizational Hierarchy restructuring and Reclassification of Dimensions (i.e. Payroll division)
AP	AP Invoice Journal - Manually posting, but may want to create a batch job to automatically post after Approval through workflow
AP	AP Invoice Journal - Not using Periodic Journals now, but will be easy to do with the 400 telephone numbers and search, then use the Approval checkbox over to the grid. Also discussed importing a file, but they don't have one at this point
AP	AP Monthly-End Close - Encumbrance discussion with example of Consulting with 10 hours reserved, but only 8 invoiced causing a reconciliation issue. Perhaps can manage with better security or Workflow
AR	Grant discussions where none of the AX 2012 functionality is being used, at least not until recently. Need to build it out because significant labor and inefficiencies exist. PC agrees an RSM resource will be required (Separate SOW).
FA	Posting Journals is not hitting Revenue causing a separate Journal Entry required. They need to add a new Value Model and have it as being the Derived Model on Value Model VM_ALL_...
PMA	Roll Forward to be mocked in a Test environment by PC team. It may well be They may have fixed their own problem by changing from Total Year to Total Budget.
PMA	Journal being uploaded has Sales Price or Cost Price being zero. Source data is Atlas template so the thought is it must be zero in template. Perhaps put a workflow on the Journal where it checks to throw an error if one of them is 0
PMA	PC team is to vet out the PMA reports, specifically regarding the Category reports that George is requesting
Travel & Expense	Has been built out in 2012 but Credit Card not working
Admin	In the HR/Paroll seesion the primary pain point noted was the sluggish system response time. Chris Dragon's RSM technical team offers a SQL health check service. Terry suggested they bring it up to the BOD.
Procurement	Set up batch job to automatically Confirm the PO's that are Approved

PHASE 1 ITEMS – D365

Module	Topic
AR	Letters of Credit functionality
Cash & Bank	Configure checks for US Bank Account
Cash & Bank	Automate Bank Recon – they are expecting to get a file from the Bank to import. Right now they're manually reconciling
FA	Fixed Assets - Create a new Value Model – Revisit in FA session
GA	Fixed Assets Depreciation Journal – Revisit in FA session
GL	Account Structure Advanced Rules, new Account Structure Nodes, or a new Account Structure. Centered around tighten up business rules to reduce the amount of reclassification work. Further evaluation required.
GL	Revisit Main Account Categories. There are Main Accounts that do not have Main Account Categories. In addition, Main Account Categories are not fully leveraged in Management Reporter
GL	Chart of Account Cleanup. Discussion and agreement there will not be capacity for this to be in Phase 0
GL	Scrub MR Row, Column definitions
Security	Document Management - FOIP - Extensible Security or RLS - Document Management. Questions about confidentiality.
AP	Use Purchase Order Prepayment Invoice functionality. Need additional vetting there was discussion on Roger stating there is a problem with GST in that 'the system was not built for GST', but believe we can get it to work
AP	AP Invoicing discussion on Holdbacks (Retainage) where it is not being used because of GST issue, but want to revisit believe there is a way to configure it correctly
AP	AP Invoice Journal - Payment Advice to automatically send email to Vendors using Print Management. Appears to be there's a customization, but would want to back it out if it is a customization, so would not want to bring it forward but rather use OOB D365 functionality
Gravel	Gravel - Consider using either Production or BOM Journal straight out of AX rather than the Gravel mods. Additional vetting needs to be done. Rachel states to consider PO through Transportation Management. Additional vetting needed but as Robert stated we need to be cognizant of what is within limits so we don't blow out the GoLive date
Inventory	Consider changing Maintenance Parts to FIFO but not Gravel. In other words create 2 Inventory Model Groups
PMA	Integration from Bellamy into AX as an Hours Journal
PMA	Add additional Fee Categories because there's just one now called Fee
Travel & Expense	Training of Expense management reporting and analytics as demonstrated by Rachel
Budgeting	Review Budget Control Configuration setup. Short-term fixes.
Admin	Restructure, Clean Up Security and Roles
Procurement	Meter hours against the enterprise asset to print on workorder report. They do not currently print on the report (because that object was never supplied on the report). Need fix from the ISV and likely this fix is in the newer D365FO version. 1) The report is fixed in the D365FO version of DACEAM from app source and this becomes a test in the D365FO project. 2) The report is not fixed and this becomes a requirement in the D365FO enhancement project

PHASE 2 ITEMS – FUTURE CONSIDERATION

Module	Topic
GL	Intercompany
GL	Revisit MR report structures (i.e. leverage Main Account Categories)
GL	Financial period close workspace checklist
GL	Currency rates
GL	Cash Flow functionality
GL	Consolidations (Library, TLC)
	Track Investments in AX. Further evaluation required. Possible Rachel magic Power App
AP	Vendor WCB web service calls to validate entered WCB code (Dragon)
Client Experience (CR)	Perhaps look at Field Service as replacement for the EAM system? George is not tied to EAM, but it does work for them, and there is a D365 solution.
Gravel	GPS Data Integration for DAX EAM
Inventory	Enter Purchasing Agreements
PIM	Use procurement categories for non-stocked items so they have visibility in what they are buying (not an actual item for Inventory) to have visibility - i.e. sandpaper, screws, etc.
PMA	Leverage WBS codes, integration to MS Project
Travel & Expense	Travel requisitions, i.e. request for travel approval before going to a conference
Travel & Expense	Audit Policies in response to Kevin's question on duplicate expenses
Travel & Expense	Discussion on problem with text being entered by employee is incomplete. Perhaps use Org Admin>Setup>Default descriptions and leverage the %4, %5, etc. to bring in actual data elements into the description. Norma tested but could not bring in Project ID so suggest using %2 parameter.
Travel & Expense	Mobile device expense management setup and Training
Budgeting	Workflow
Budgeting	Fixed Assets
Budgeting	Forecast Positions
Procurement	Interested in Vendor Portal functionality in D365

STRATEGY & SCOPE

Number	Strategy/Scope
1	Upgrade from AX 2012 R3 CU13 to D365 F&O 8.x
2	Data Migration
3	Minimal Customizations (Appendix A) expected to be moved forward to D365 F&O
4	Current Integrations (Appendix B) to be considered for replacement by D365 F&O tools
5	Minimal 3 rd Party Solutions (Appendix C) expected to be moved forward to D365 F&O
6	Implementation slated for kickoff January 2019
7	Implementation duration estimated to be 3-4 months

RISKS & CHALLENGES

Number	Description
1	Architecture in D365 F&O is different than AX 2012 – complete rewrites necessary, although the scope is small
2	Vetting of EAM solution for D365 F&O
3	Parkland resource/SME availability. RSM has received an itemized commitment of Parkland resources, so expect this to be mitigated.
4	Uncertainty of the specific version of the Microsoft data upgrade tool from AX 2012 to D365 F&O
5	Vetting of moving forward the existing Gravel code

CODE LAYER ANALYSIS

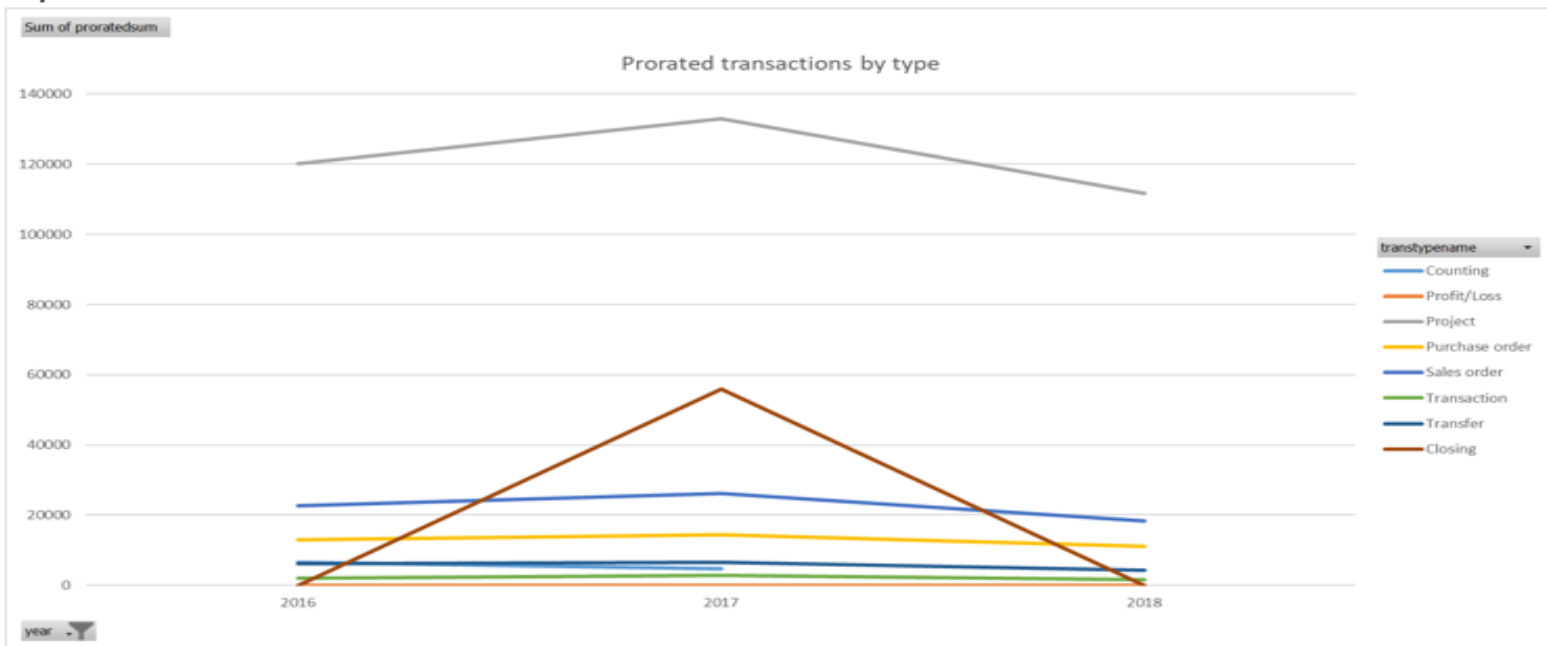
objectType	SYS	SYP	ISV	ISP	CUS	USR	Standard	Custom	ModifiedStandard	OnlyCustom
Action	2934	335	49	0	31	0	3197	31	0	31
BaseEnum	4924	611	78	0	80	1	5418	81	24	57
Class	19023	7120	300	8	188	2	22423	190	84	106
ConfigurationKey	372	10	13	0	0	0	394	0	0	0
Cue	130	0	4	0	0	0	134	0	0	0
CueGroup	52	0	2	0	0	0	54	0	0	0
Dataset	446	39	2	0	2	0	454	2	2	0
Display	7790	813	287	0	42	2	8517	44	2	42
DocumentSet	5	0	0	0	0	0	5	0	0	0
ExtendedDataType	16563	1568	314	0	381	2	18348	383	16	367
Form	5689	1444	225	6	92	13	6275	105	66	39
FormPart	231	7	6	0	0	0	242	0	0	0
InfoPart	386	9	30	0	0	0	419	0	0	0
Job	0	0	12	0	33	0	12	33	0	33
LabelFile	18	1	1	0	0	1	20	1	0	1
LicenseCode	76	1	1	0	0	0	78	0	0	0
Macro	773	142	5	0	2	1	841	3	1	2
Menu	44	26	3	0	10	0	46	10	10	0
Output	1534	161	10	0	5	0	1629	5	3	2
Perspective	23	5	1	0	0	0	24	0	0	0
PrivateProject	0	0	14	0	8	0	14	8	0	8
Query	3439	762	99	0	44	0	4127	44	10	34
Reference	108	12	0	0	3	0	120	3	0	3
ReportLibrary	1	0	0	0	0	0	1	0	0	0
Resource	3957	158	63	0	5	0	4121	5	0	5
SecurityCodePermission	208	31	8	0	1	0	241	1	0	1
SecurityDuty	1299	150	98	0	64	0	1456	64	19	45
SecurityKey	551	0	0	0	0	0	551	0	0	0
SecurityPolicy	30	10	0	0	0	0	35	0	0	0
SecurityPrivilege	8993	564	199	0	34	1	9471	35	6	29
SecurityProcessCycle	13	5	1	0	3	0	14	3	3	0
SecurityRole	104	54	7	0	29	2	115	31	9	22
Service	217	54	3	0	0	0	267	0	0	0
ServiceGroup	50	7	0	0	0	0	55	0	0	0
SharedProject	451	73	9	2	96	1	521	97	0	97
SSRSReport	1213	260	10	0	5	0	1272	5	2	7

DATA ANALYSIS

5.2 Data Details

Parkland County's database is currently approximately 20 GB with approximately 1,000 tables containing data. Parkland County has transaction on this AX database going back to 2016 and has a low transaction volume. The highest transaction counts are in projects, closing records, sales orders, and purchase orders.

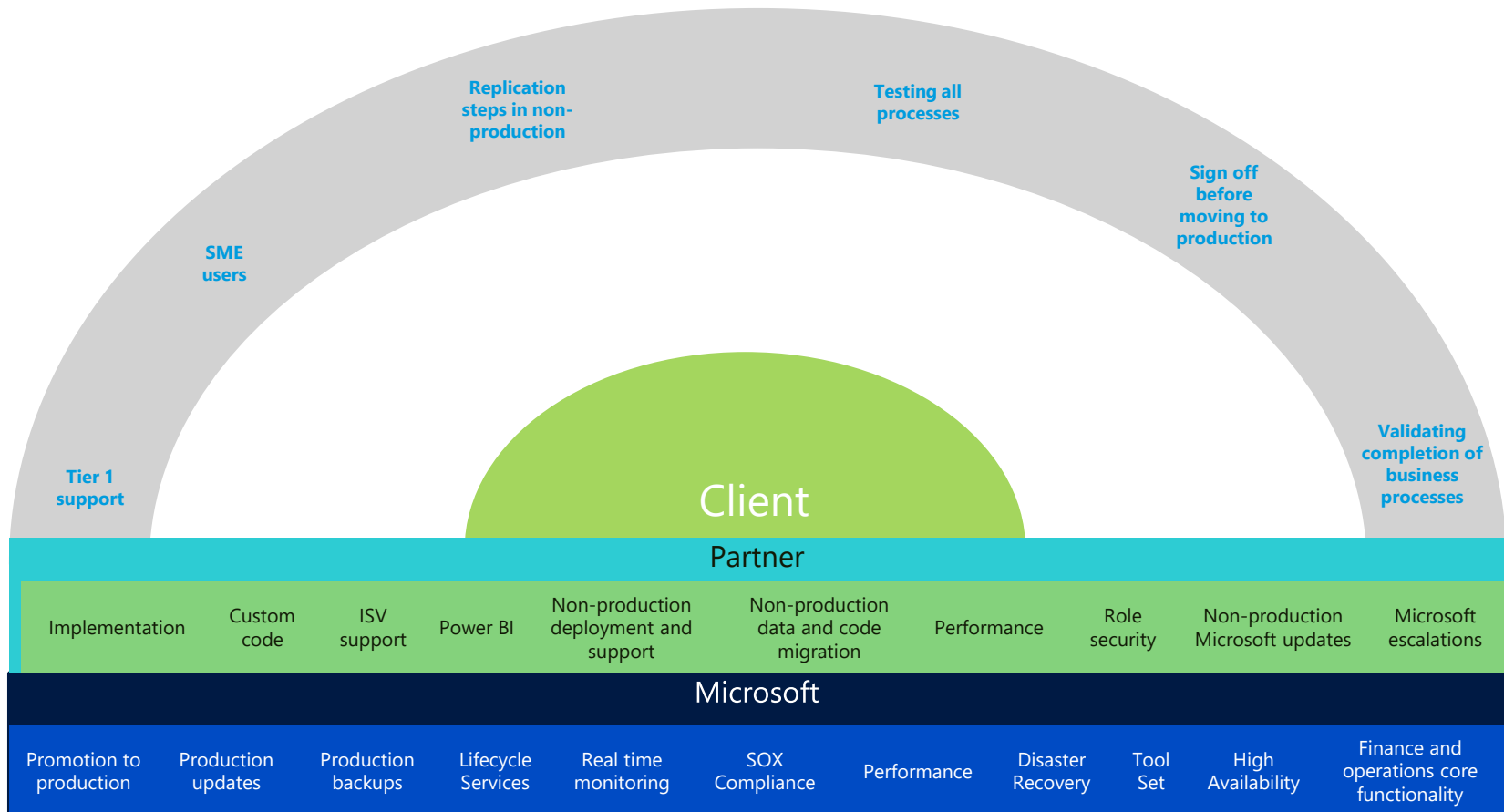
Note: Both 2016 and 2018 are partial years, 2018 is prorated to make the graph look more representational.



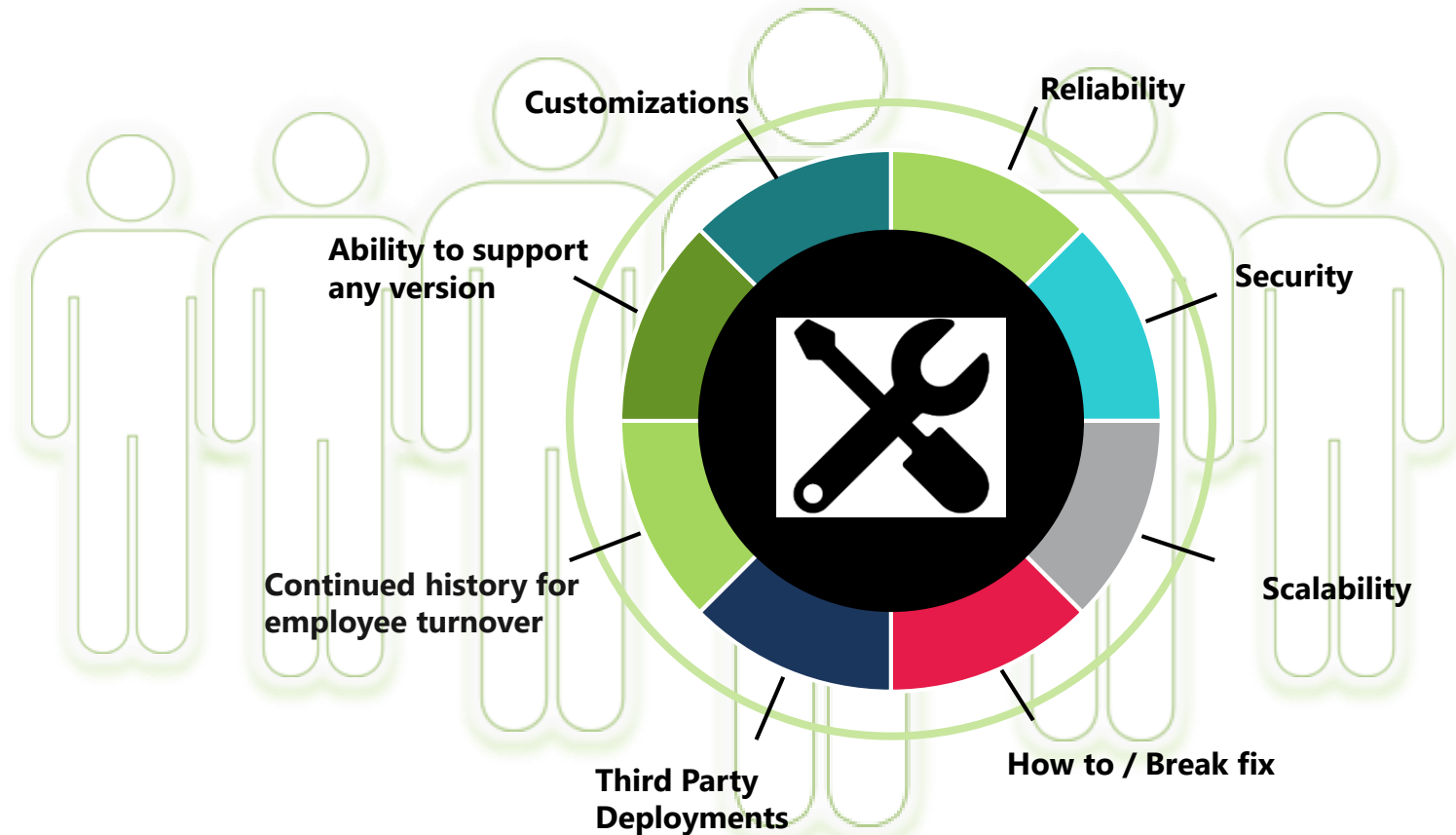
RECOMMENDED TRAINING

Course	Format	Length (Days)
Core Financial Management	ILT - Onsite	2
Fixed Asset Essentials	ILT - Onsite	1
Budgeting Essentials	ILT - Onsite	1
Financial Management for Accounts Payable	ILT - Onsite	2
Financial Management for Accounts Receivable	ILT - Onsite	2
Product Information Management	ILT - Onsite	2
Core Inventory Management	ILT - Onsite	2
Order-to-Cash Inventory Management	ILT - Onsite	2

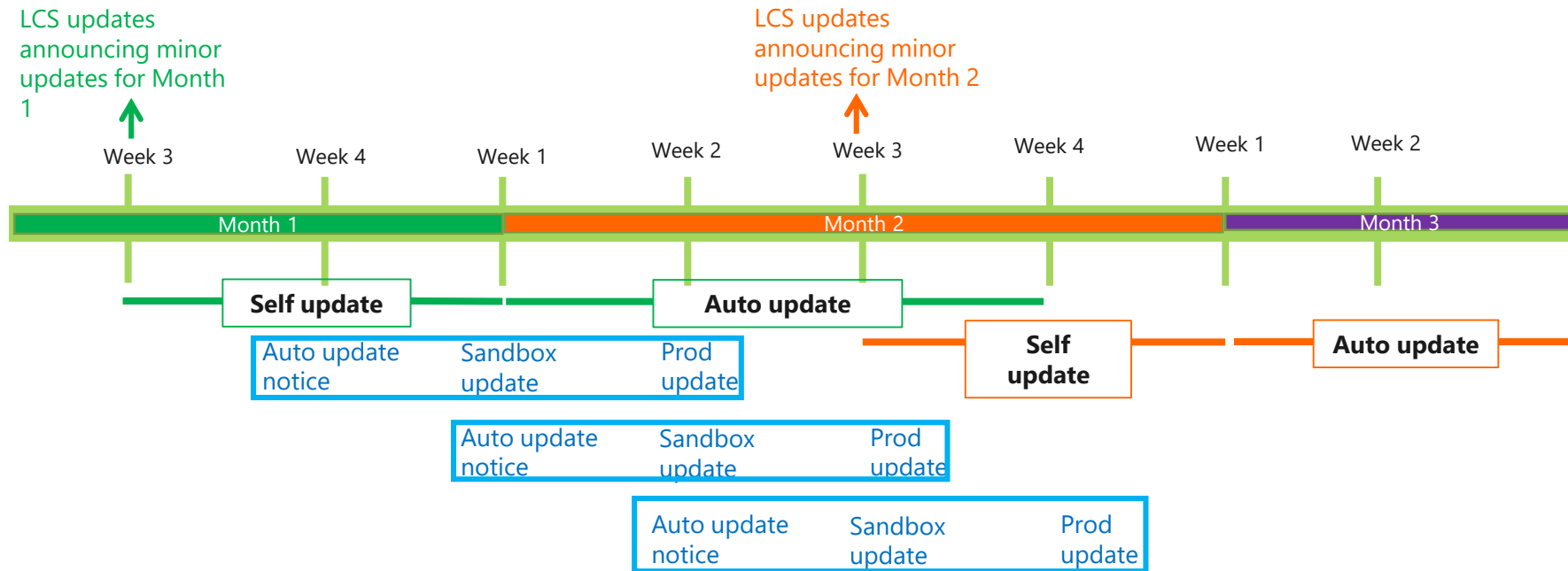
WHERE DOES MICROSOFT LEAVE OFF AND RSM BEGIN?



THINGS YOU WILL NEED YOUR PARTNER TO DO?



CONTINUOUS UPDATES



Pick your "patch day" & environments to update.

RSM'S MICROSOFT DYNAMICS PRACTICE

- **Consultant Focus – RSM “only” staff**
 - 320 employees focused on Dynamics 365
 - Strong 365 certifications and experience
- **Solution Focus – Microsoft Dynamics 365 Expertise**
 - Implementation Consulting Services
 - Training Academy and Hot-Line Support
- **Industry Focus**
 - Dairy, Co-Ops, Processors, and Distributors
 - Retail, Life Sciences, Public Sector
 - Customer Focus – Success is Paramount
 - Over 230 Dynamics AX Customers

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