

A Strategic Approach to Technology and Automation

FEBRUARY 20, 2024



# Our Agenda Today

1	Nonprofit Industry Trends
2	Future Ready Framework
3	Who You Are
4	How You Operate
5	How You Execute
6	Closing & Questions

## With You Today



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# Nonprofit Industry Trends





# 2023 Nonprofit Industry Top Trends & Priorities



Expanding or Shifting Scope of Mission 2022 Benchmark: 38%

2023: ^



Selecting & Implementing New ERP & HRIS

2022 Benchmark: 18%

2023: ^



Need for Information on ESG Strategy

2022 Benchmark: 28%

2023: ^



Digital **Transformation** 

2022 Benchmark: 18%

2023: ^



**Cost Reduction Initiatives** 

2022 Benchmark: < ~10%

2023: ^



Seeking New Sources of Revenue & Funding

2022 Benchmark: 75%



# BDO 2023 Nonprofit Benchmarking Survey

INVESTMENT IN TECHNOLOGY

of nonprofits say they are increasing technology spending

say they are increasing technology spending significantly

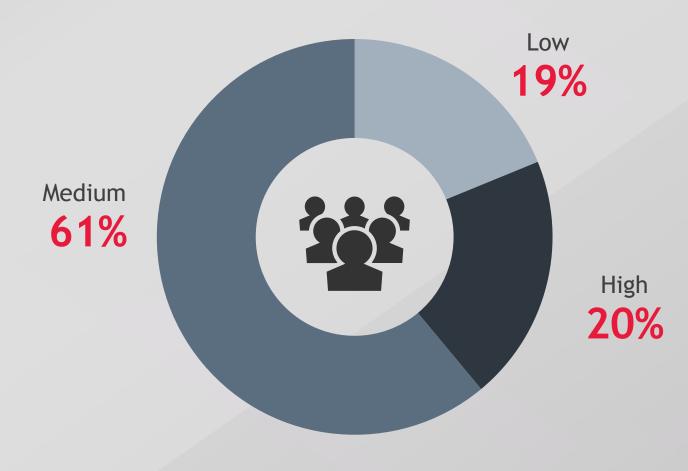
Regarding specific technology, enterprise resource planning (ERP) is a focus

of nonprofits plan to select and/or implement a new ERP system in the next 12 months

Of the nonprofits that are planning to select a new ERP system, they say their top reason is ease of use

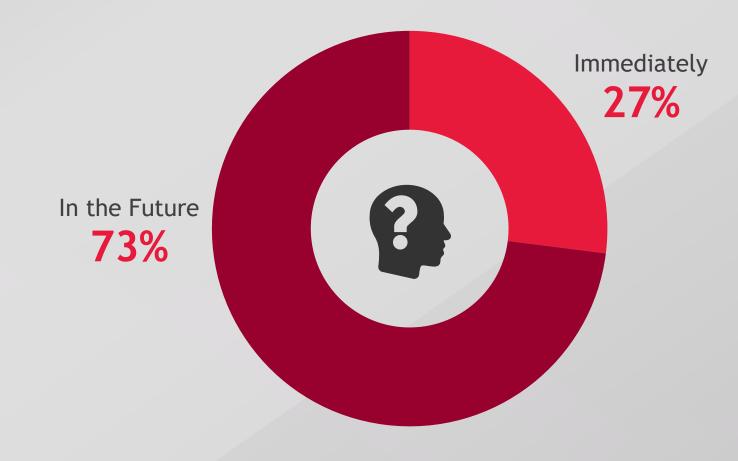
Ö	Ease of use	50%			
17/18	Improve automation	48%			
°52	Better value and cost	47%			
	Enhanced functional and technical capabilities	45%			
	Migrate to cloud-based system	44%			
	Enhanced cybersecurity capabilities	42%			
	Mobile application 37%				
	Vendor profile and nonprofit footprint 34%				
	Current system is sunsetting 33%				

# Level of Satisfaction with Current ERP & Accounting System



BASED ON BDO's 806 WEBINAR RESPONDENTS IN 2022

Are You Currently
Looking to Select a
New ERP or
Accounting System?



BASED ON BDO's 806 WEBINAR RESPONDENTS IN 2022

Future Ready Framework





# What Does It Mean to Be Future Ready?

- ► The preparedness of an organization to enhance its ability to remain competitive, resilient, and efficient through technology modernization.
- An intentional effort initiated and led by leadership to create synergies between people, processes and technology across the organization to achieve greater automation and resiliency in an optimized environment enabling unification of data, workflows, and reporting.



A Future Ready Framework

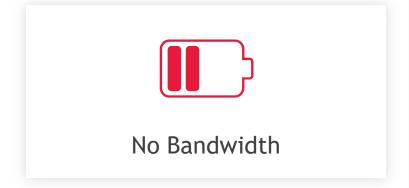


# Typical Challenges When Implementing a Future Ready Foundation











# A Future Ready Framework Encompasses







**Efficient Business** Processes & Workflows

Simplified Organization Structure



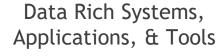
**Future Ready** 



Framework



Engaged People & Culture







Collaborative **Decision Making** 

# Who You Are





Future Ready Organizations Are Clear on Their Vision



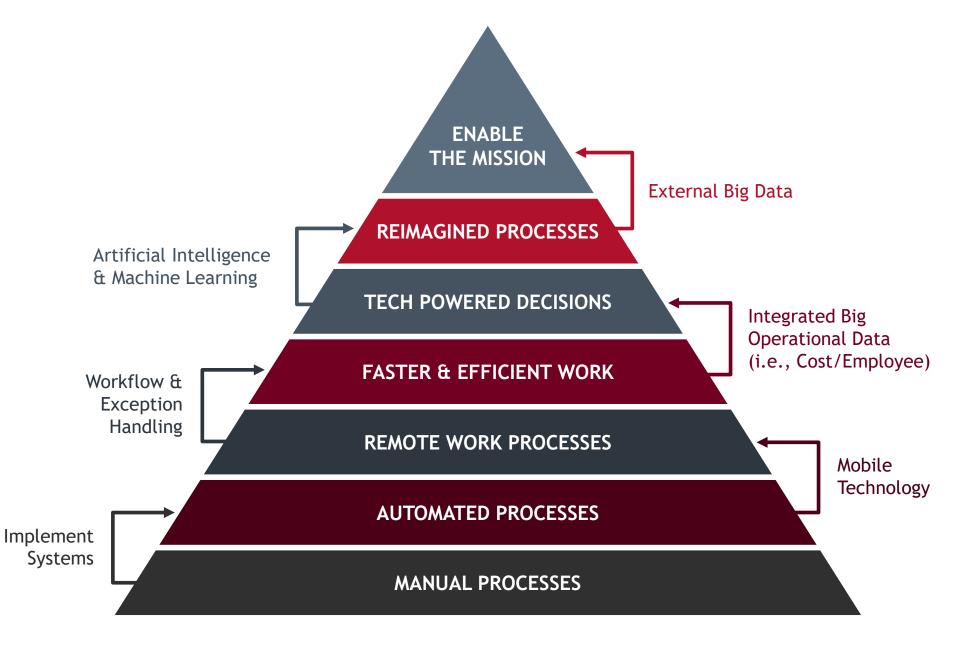
# Sharpening Your Vision and Purpose

Future ready organizations recognize that purpose helps attract people to join the organization, remain there, and thrive.

- ► Employees define their work by how it adds value to society and contribute to the organization's mission
- ► Stakeholders are more engaged when their energy is channeled to purpose
- ► Employees should be allocated to high-value initiatives
- Organizations require innovative leadership and new approaches to moments that matter



# Mission Driven Automation IN STAGES, STEP-BY-STEP



**How You Operate** 





Future Ready
Organizations
Are Prepared
to Make
Decisions

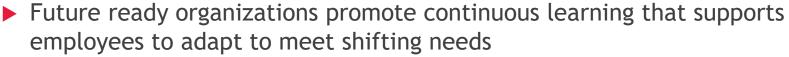


# Collaborating to Make Decisions

Future ready nonprofits allocate decisions to the right executives, teams, or individuals. Decisions should be delegated to give employees accountability for decisions they are equipped, and best placed, to make.

	PEOPLE AND CULTURE	FINANCE	GRANTS MANAGEMENT	FUNDRAISING	PROGRAM MANAGEMENT	ІТ		
Description	P&C staff are involved with end-to-end employee lifecycle	Accounting staff are involved with reconciling, reporting and budgeting.	Staff involved in ensuring grant workflows are completed according to requirements, from either a grantmaker or grantseeker perspective.	Development staff charged with fundraising for the organization.	Organizational staff involved with program and delivery to execute the mission.	Technical staff who are tasked with project planning, execution, and eventual system maintenance.		
Examples	<ul><li>CHRO</li><li>CDO</li><li>Director of Compensation</li></ul>	<ul><li>CFO</li><li>Controller</li><li>Director of Finance</li></ul>	<ul><li>Director of Grants Management</li><li>Grants Manager</li></ul>	<ul><li>Director of Development</li><li>VP, Marketing</li><li>Events Manager</li></ul>	<ul><li>Program Directors</li><li>Research &amp; Evaluation</li></ul>	<ul> <li>CIO /CTO</li> <li>Applications manager</li> <li>Vendor relationship manager(s)</li> </ul>		
Value	P&C staff have their eye on the full employee journey from sourcing and recruiting to career management, culture, and retention.	Accounting staff have a deep understanding of compliance requirements such as audits and 990s. They also have a sense of the inputs and outputs for budgeting.	Grants management is heavily involved with the lifecycle of grant and can map key workflows that such be built into the system.	Development and fundraising staff have their finger on the pulse of the organization's incoming or outgoing commitments and cashflows.	Program managers generate transactions in line with the mission and are responsible for outcomes.	IT is likely to be responsible for more indepth requirements gathering. IT possesses critical knowledge around system compatibility, integration, and data.		

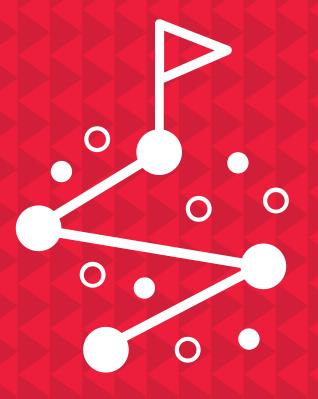
# Intersection of People & Innovation



- ► Employees are most likely to know the most significant challenges in their work and how technology and automation may be able to help
- Misaligned technology can limit employee productivity and learning
- Innovation can simplify and automate tasks allowing employees to focus on mission-driven activities

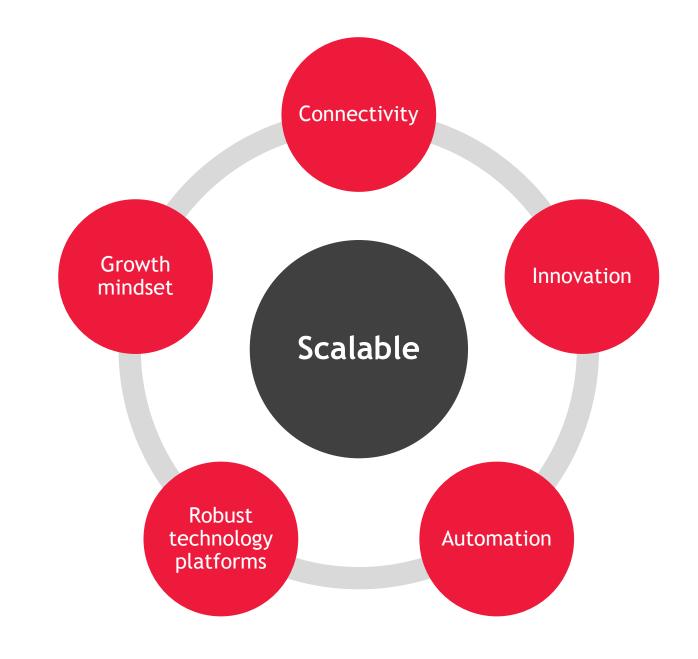


# **How You Execute**





Future Ready
Organizations
Have the
Foundation
to Scale



#### **Transactional Systems**

- ► Enterprise Resource Planning
- ► Human Resource Information System
- Donor/Customer Relationship Management
- Projects & Grants Management
- Expense Management
- Blockchain

#### **Artificial Intelligence**

- ► Reactive (e.g., spam filter)
- Limited Memory (e.g., Generative)
- Theory of Mind (needs of others)
- Self-aware

# Spectrum of Technology

#### **Automation**

- Robotic Process Automation
- Workflow Management
- ► Low-code Applications

#### **Analysis & Reporting**

- ► Data Extraction & Transformation
- Built-in Reporting
- Enterprise Reporting Tools
- BI & Dashboards

#### **Data Integration**

- Data Warehouses
- Integration Platform as Services (iPaaS)
- Application Programming Interfaces (API)
- Electronic Data Interchange (EDI)

# Aligning Organizational & Digital Strategies



- When selecting a new technology, it is important to define a clear vision of what is needed from the onset.
- ► The key is to make sure your business strategy aligns with your digital strategy.
- At a high level, your mission drives the business strategy.
- The business strategy is then supported by set of business processes to achieve your strategic objectives.
- Business processes are set of activities performed by the people to facilitate strategic objectives.
- It is very important to have a technology platform, that will enable the you to carry out those business processes in an efficient and effective manner.
- Some key areas for consideration include:
  - Overall goals for the software
  - Key business processes
  - Essential features and capabilities
  - Willingness to customize
  - Use of cloud and Software as a Service (SaaS) technology
  - Appetite to condense or integrate the current stack of business applications

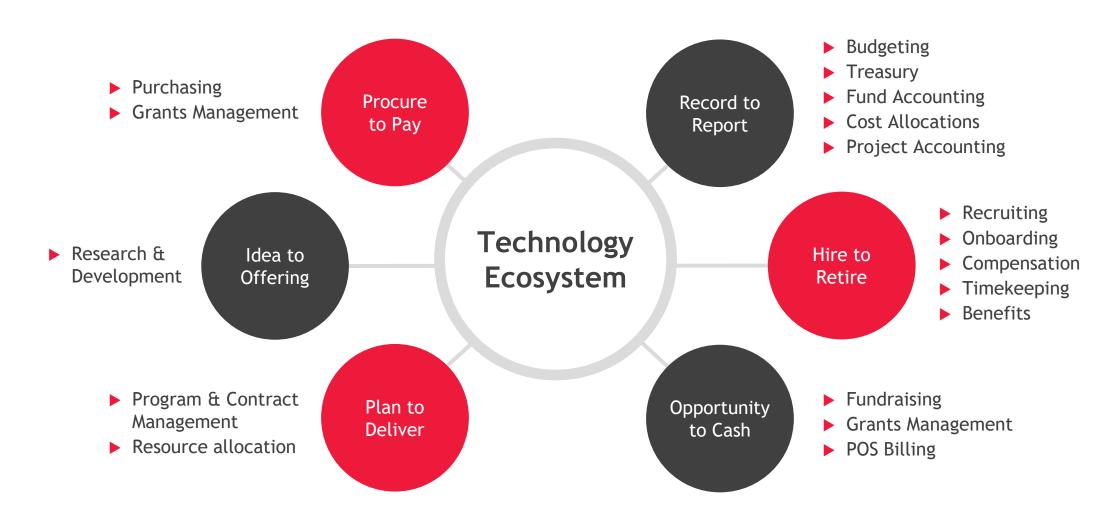
# Where, What, How?

#### CONSIDERING END-TO-END PROCESSES

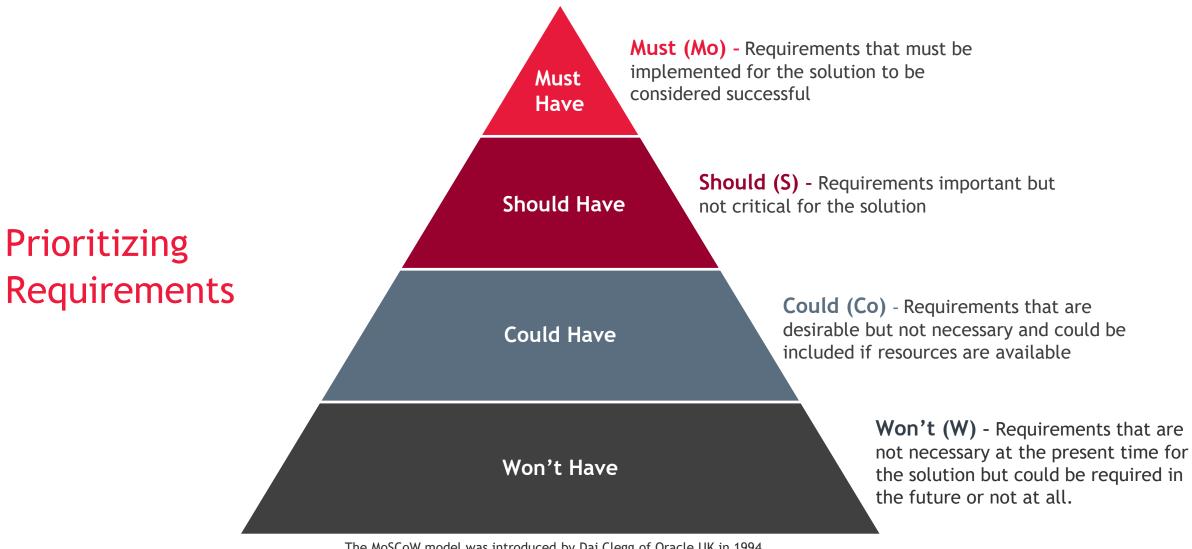
REVENUE CYCLE - O	PPORTUNITY TO	CASH										
Opportunity	>	>	Invoice to Cash									
Donor Management	Proposal Budget & Pricing	ing Contract M	anagement	ment Project Accou			Billing & Revenue E. Recognition		Expense Reporting & Reimbursement		Intercompany Settlement & Cash Management	
PAYMENT CYCLE - F	PROCURE TO PAY											
Requisition to PO			Fulfillmen	Fulfillment Receipt to				ipt to	o Payment			
Vendor Management & Requisition	Requisition Approval	Subcontract & PO Creation	Subaward & Grant Management	ts Good	oods or Services Received & Invoice or Advance Milestones Met Payment Processed			Payment Application		Bank Reconciliation		
REPORTING CYCLE -	- RECORD TO REP	ORT										
Financial Planning				General Accounting					Financial Reporting			
Treasury & Risk Management	Budgeting & Forecasting	Indirect Rate & Cost Pool Allocation	Accounting Period Closing		onsolidation & econciliation	Fi	xed Assets & Capital Expenditures		Management Reporting & Analysis	<b>;</b>	Forward Pricing & Indirect Rates	
HUMAN CAPITAL CY	CLE - HIRE TO RE	TIRE										
Hiring				Workforce Management					Retain/Retire			
Talent Acquisition	Recruitment & Selection	On-Boarding & Learnin Management	g Compens Bene		Labor Distributi Payroll	on &	Performance & Profess Development	sional	Retention & Succe	ssion	Separation & Retirement	
PROJECT MANAGEM	NENT CYCLE - PLA	N TO PERFORM										
Project Initiation Project			roject Planning	t Planning Project Implementation				Perform & Deliver				
Program & Grants Management	Student Financial A	Aid Resource Planr Schedulin	5	ncial gement	Project Managem	ent	Narrative & Financial Reporting & Analysis	1	Monitoring, Evaluation Learning	n, &	Project Closure	

# Assessing Your Technology Ecosystem

FUTURE READY NONPROFITS LEVERAGE A DATA-RICH TECHNOLOGY ECOSYSTEM



### **IDENTIFY** What's working well in the current state? Defining Requirements **ENVISON DISCUSS** What are the capabilities needed What are the current to resolve state challenges? challenges?



The MoSCoW model was introduced by Dai Clegg of Oracle UK in 1994.

### Nonprofit Opportunities to Innovate and Automate



#### GRANTS MANAGEMENT

- Real time insight to revenue and expenditures
- Visibility into grant components, terms, conditions, dates, balances to ensure compliance



#### CUSTOMER RELATIONSHIP MANGEMENT

- Centralized location for donor profiles and management
- Automated communicati on to donors and grantors
- Ease of one time and recurring donations
- Streamlined workflows and processes for event management



# FINANCIAL MANAGEMENT

- Elimination of duplicate data entry across supplier and customer invoices and payment processing
- Improved financial analysis and forward planning with access to real-time, accurate data
- Increased ability to meet compliance requirements



# HUMAN CAPITAL MANAGEMENT

- Availability of people analytics to guide decision making and headcount planning
- Increased visibility to employee skills to enable career development
- Streamlined hiring process from candidate interview scheduling to background verification and offer management



# BUDGETS & PLANNING

- Multiyear Grant budgeting
- Reforecasting
- ► Integrated with actuals
- What-if scenarios
- Cash flow projections

# Benefits for Future Ready Nonprofits

INNOVATION REQUIRES CLARITY OF VISION, PURPOSE, AND THE BENEFITS IT WILL PROVIDE

#### **Maximize Mission Impact**

Nonprofits improve the lives of the people and communities they serve. Investments in innovation enable strategic planning to deliver on mission sustainability



#### **Empowered People**

Investments in technology and automation allow talent to focus on mission driven strategic priorities not administrative tasks

#### **Integrated Data**

Future ready organizations understand that data empowers decisions and the ability to scale



#### **Single Source of Truth**

Elimination of information silos to achieve one holistic source through integrated, consolidated, actual data

#### **Process Automation**

Automated workflows and processes and userfriendly technology enable nonprofits to accomplish meaningful work easier and faster





#### Ability to Plan for Future Scenarios

Access to advanced reporting features to aggregate data into customized views and dashboards to effectively forecast and plan as business conditions change

# Closing & Questions





#### BDO Knows...

Organizational structures are sometimes complex leading to challenges capturing the full power of the technology that drives resiliency and efficiency.

Contact us to learn more about how these services can help your organization achieve optimization.

# TRANSFORMATION

Digital Transformation

**Business Process Improvement** 

Mergers & Acquisitions

Restructuring

Benchmarking & KPIs

#### **MODERNIZATION**

Software Selection

System Implementations

Systems Integration

Automation (RPA)

Mobile Solutions

#### **COMPLIANCE**

Cybersecurity

Regulatory Compliance

Integrated GRC

**113** Risk Management

**m** Corporate Governance

Statutory Reporting

#### **MANAGEMENT**

Assurance Services

Project Management

Human Capital Management

#### **ADOPTION**

Enablement and Adoption

Communications & Trainings

Organizational Change Management

#### **ENHANCEMENT**

Data Management & Analytics

Dashboarding & Visualization

Staff Augmentation Support

