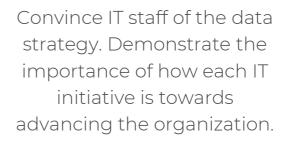
Data Strategy Maturity Assessment

Data strategy maturity importance

The data strategy needs to resonate with both key business and IT stakeholders on the plan for leveraging the strategic value of data. A more mature, robust and comprehensive data strategy does a better job of achieving this goal.

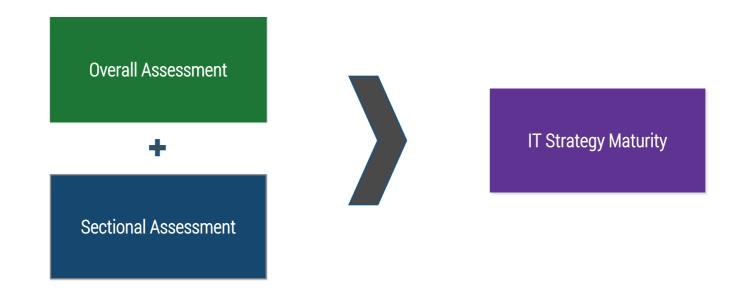


Convince business stakeholders of how the data strategy supports the business. Gain executive sponsorship and support, buy-in, approval for additional budget, approval for role definitions and very importantly, help build and foster a data driven culture



IT strategy maturity overview

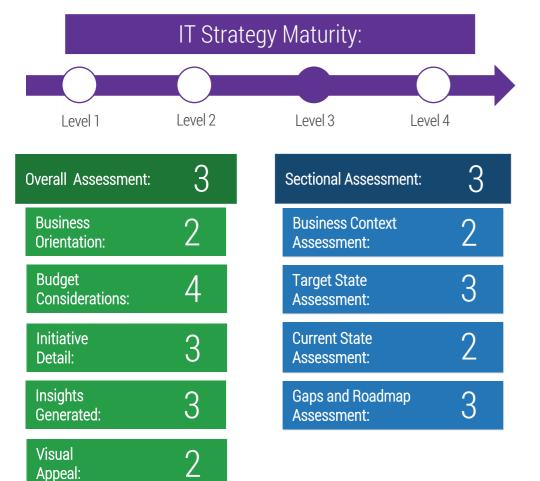
The IT strategy maturity is a function of an overall assessment and a sectional assessment.



IT strategy maturity assessment components



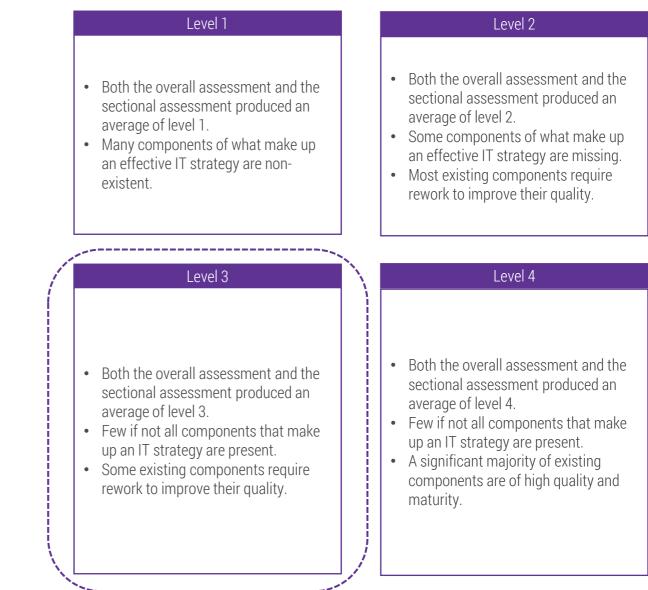
IT strategy maturity results



3

Logical

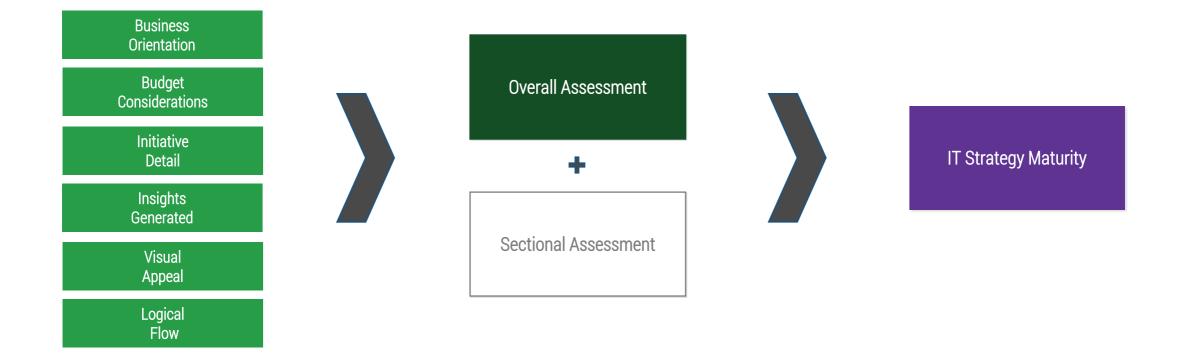
Flow:



Overall Assessment

IT strategy overall assessment overview

The Overall Assessment is made up of six criteria.



IT strategy overall assessment criteria

Assessment Criteria	Details
Business Orientation	Assesses the level of at which the IT strategy demonstrates its support of the business context.
Budget Considerations	Evaluates the budgeting estimations done as part of the strategy and if the budget paints a full picture of the IT department and its situation.
Initiative Details	Determines the key initiatives outlined in the strategy and whether there are compelling arguments made for the execution of current and future key initiatives.
Logical Flow	Evaluates the strategy in terms of the story it tells and if readers can understand how the pieces work together.
Visual Appeal	Assesses whether the strategy is visually appealing enough to engage stakeholders to follow along.
Insights Generated	Determines if the IT strategy generates any "a-ha" moments for readers and if the strategy generates any key takeaways not previously known by business or IT executives.

Business orientation assessment results

This slide shows the business orientation assessment score

Level 1

- The IT strategy was developed absent of the business context.
- No business context documentation or stakeholder interviews were used to inform the development of the IT strategy.

Level 2

- Some level of business context discovery was conducted prior to IT strategy development.
- The business context is documented as part of the IT strategy.
- It is not clear how the IT target state is derived from the business context.
- No linkage is shown between how IT supports the business context.

Level 3

- Business context discovery was conducted prior to IT strategy development.
- The business context is not only documented as part of the IT strategy, it is clear that the IT target state is derived from the business context.
- Linkage is shown as to how IT initiatives and goals support the business context.

• The linkage between how IT will support the business is very clear.

Level 4

- Readers can easily point to how IT initiatives can support business goals and/or capabilities.
- Clear depiction of how the IT target state is derived from the business context is present.

Budget considerations results

This slide shows the budget considerations assessment score



Level 2 • There is a high-level current and Budgeting status and gaps are • required future budget present. assigned for each IT initiative. A significant majority of IT initiatives • There is a high-level current and Level 1 • The budget is projected out for the have information around their required future budget present. entire time horizon of the IT strategy. • Many IT initiatives are missing the budaets. The budget is presented in a way that • • There is no budget considerations • There is a high level "ask" and/or status of their budgets. presents clear decision-making points presented in the IT strategy. • The budget is only projected out for summary present in the budget for stakeholders. • IT budget is separate from the IT the next fiscal year. section. strategy.

Level 3

Level 4

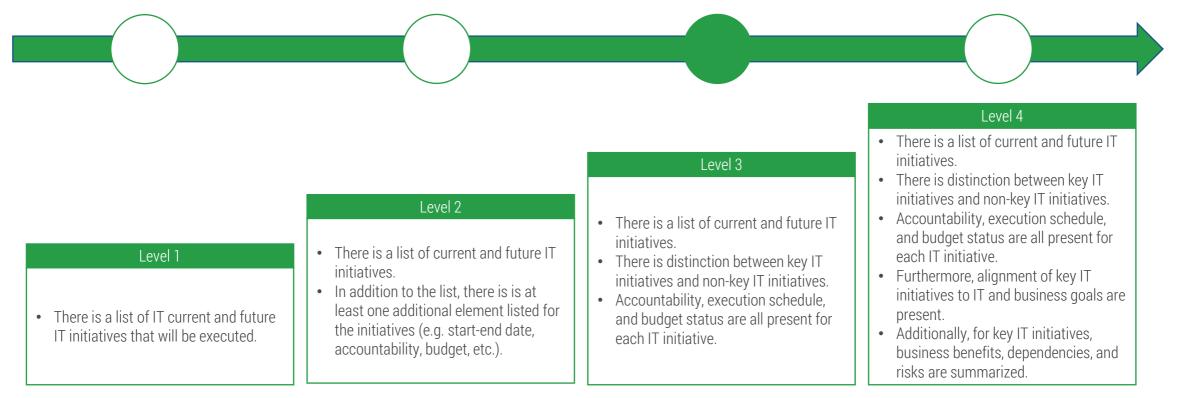
The budget is clearly defined for both

future and current IT initiatives.

•

Initiative details results

This slide shows the initiative details assessment score



Insights generated results

This slide shows the insights generated assessment score

Level 1

- IT strategy process was not conducive to insight generation.
- Further, no insights were generated as part of IT strategy development.

Level 2

- There is at least one piece of insight generated as part of the strategy.
- The insight changes the way IT and business stakeholders perceive a certain aspect of the IT department.
- The insights are documented in the

strategy.

Level 3

- There are at least two insights generated as a result of developing the IT strategy.
- The insights are actionable and in the judgment of the IT strategy development team provide significant value.
- The insights are documented in the strategy.

• There are more than two insights that are generated as part of the IT strategy development process.

Level 4

- The insights are actionable and in the judgement of the IT strategy development team provide significant value.
- The insights are documented and can be presented to stakeholders.

Visual appeal assessment results

This slide shows the visual appeal assessment score

.evel	2	

Level 1

• The IT strategy is visually unflattering. It consists of only paragraphs of text.

- The strategy requires the viewer to read text for a significant portion of the strategy.
- Visuals exists for key messages only.

Level 3

- The majority of the components in the IT strategy consists of visual diagrams.
- Paragraphs of text exist to solely compliment the visual information.

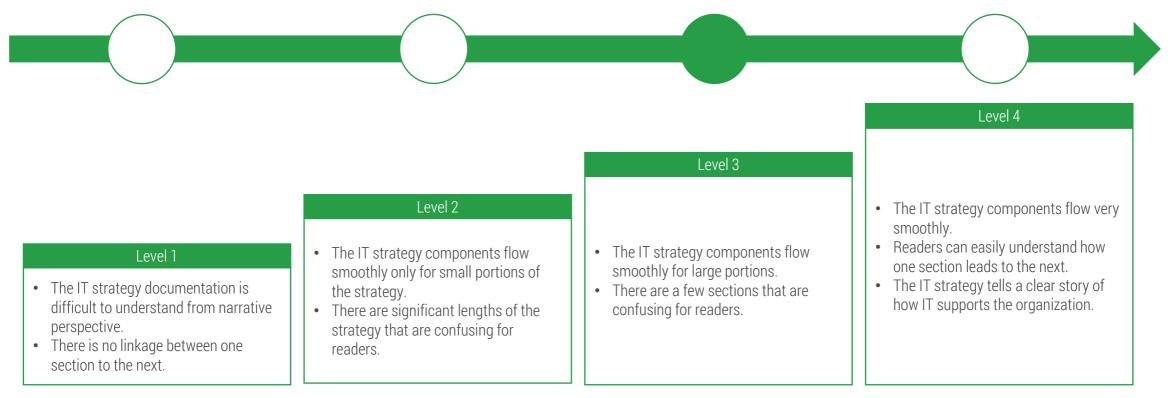
• The IT strategy provides strong visualizations of how IT supports the business and what IT aims to do in the strategy.

Level 4

- Visuals clearly consolidate text information.
- Roadmaps, diagrams, graphs, make • up a vast majority of the strategy.
- Standalone paragraphs of text are far • and few in between

Logical flow assessment results

This slide shows the logical flow assessment score



Overall assessment results

This slide shows the overall assessment score

Level 1

orientation, visual are non-existent.

Information around budget, initiatives,

• On average the holistic assessment

scores are at level 1.

Evidence of business context

and insights are sparse.

Logical flow is extremely poor.

Level 4

- On average the holistic assessment scores are at level 2.
- Business context orientation is not clear, some visuals are present.

Level 2

- Logical flow is only demonstrated in sections.
- Budget and initiatives include more details.
- There is one insight in the strategy.

Level 3

- On average the holistic assessment scores are at level 3.
- Business context orientation is clear,
- visuals are present in most of the strategy.
- Logical flow is demonstrated in large portions.
- Budget and initiatives include more granular levels of detail.
- There are two actionable insights that are in the strategy.

- On average the holistic assessment scores are at level 4.
- Business context orientation is very clear.
- Visuals are present throughout the strategy.
- Logical flow is clear to readers.
- Budget and initiatives meet the highest standards of documentation.
- There are more than two insights in the strategy. The insights are clearly presented to readers.

Overall assessment recommendations

This slide recommends different ways to increase the IT strategy maturity

Recommendations:

- The IT strategy is already very mature. To create a even more mature IT strategy add more information around the business context into the IT strategy document.
 - For example, add business goals and factors impacting the business.
- The key takeaways of the IT strategy can be emphasized up front. Distill the key takeaways clearly and provide information around the key takeaways at the front of the IT strategy document.
- The document has many uninterrupted blocks of text reducing its visual appeal. Create more tables, charts, and graphs for easier digestion by the reader.

Sectional Assessment

Sectional assessment overview

The sectional assesses each section of the IT strategy. The evaluation consists of how far each section of the IT strategy is from best practices.



Based on an assessment from Info-Tech's analysts.

This section determines what is missing from the listed best practices for each section.



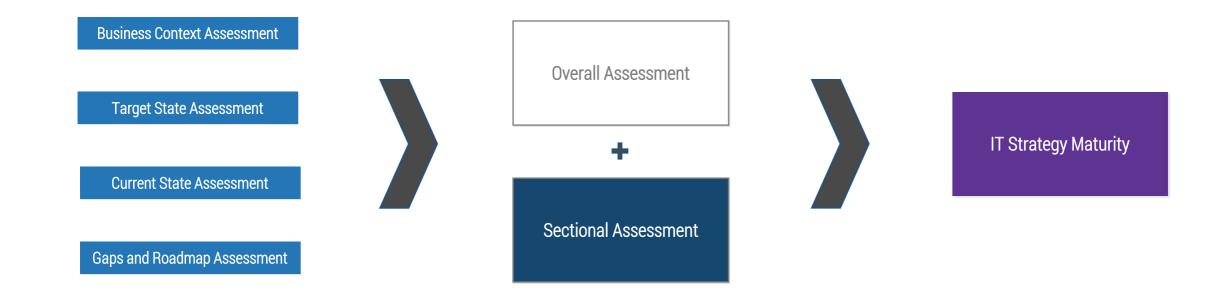
Recommendations

Provided by Info-Tech's analyst based on analysis of your strategy.

This section provides information on what needs to be addressed from gaps and omission to reach the best practice state.

IT strategy maturity sectional assessment

The IT strategy maturity is a function of the overall assessment and sectional assessment

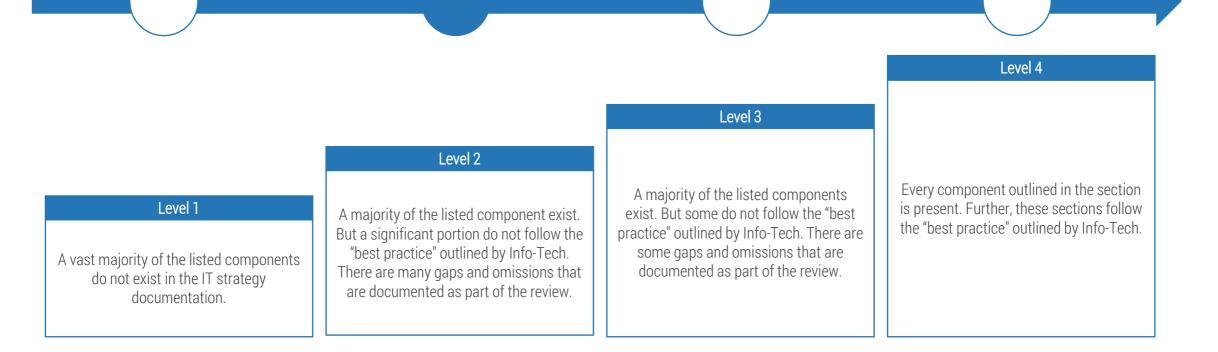


IT strategy overall assessment criteria

Assessment Criteria	Details
Business Context	Assesses the business context section of the IT strategy. Determines if the ideal level of business context information has been provided to create an effective IT strategy.
Target State	Evaluates the target state section of the IT strategy. Determines if the details provided for the target state depicts a clear picture of what IT envisions its future to be.
Current State	Assesses the current state section of the IT strategy. Evaluates if enough analysis has been done to determine IT's current standing.
Gaps and Roadmap	Evaluates the gaps and roadmap section of the IT strategy. Assesses if gaps are being addresses and if the next steps for the IT strategy is clear.

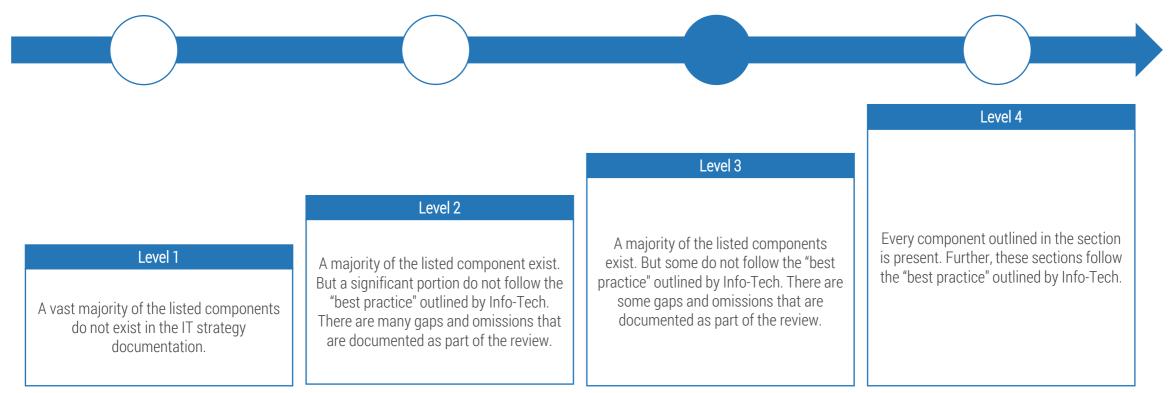
Business context assessment results

This slide shows the business context assessment score



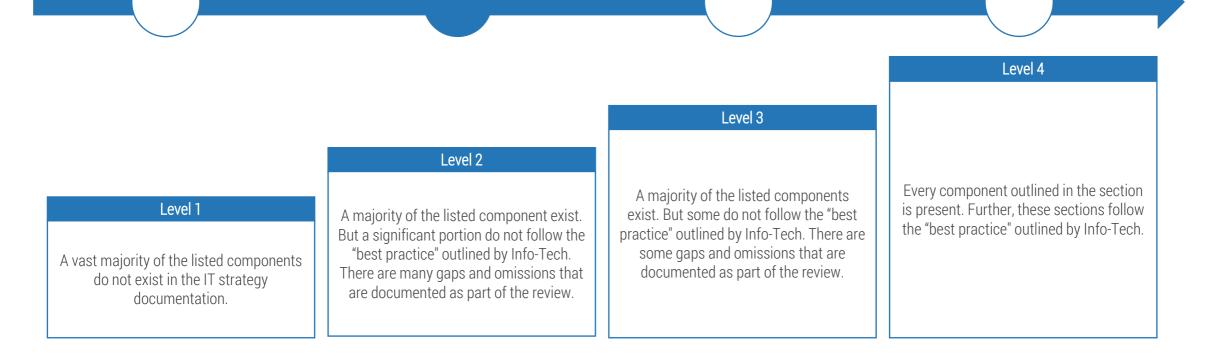
Target state assessment results

This slide shows the target state assessment score



Current state assessment results

This slide shows the current state assessment score



Gaps and roadmap assessment results

This slide shows the gaps and roadmap assessment score



Level 1

A vast majority of the listed components do not exist in the IT strategy documentation. A majority of the listed component exist. But a significant portion do not follow the "best practice" outlined by Info-Tech. There are many gaps and omissions that are documented as part of the review.

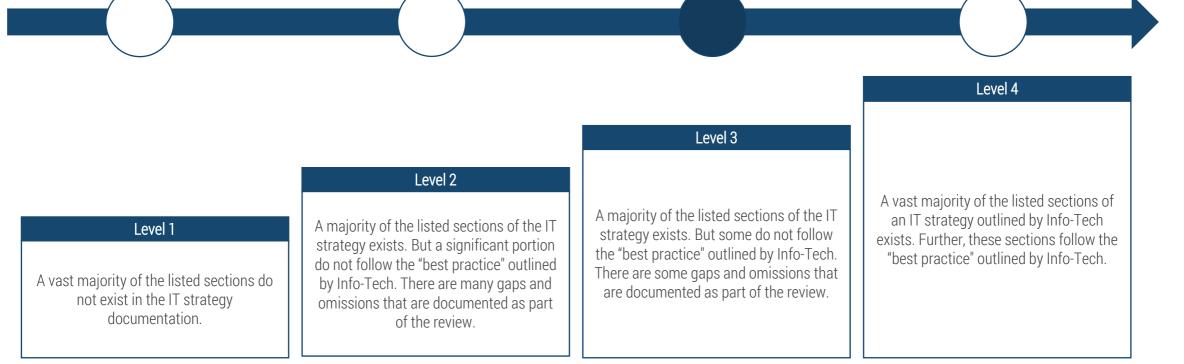
Level 3

A majority of the listed components exist. But some do not follow the "best practice" outlined by Info-Tech. There are some gaps and omissions that are documented as part of the review. Every component outlined in the section is present. Further, these sections follow the "best practice" outlined by Info-Tech.

Level 4

Sectional assessment results

This slide shows the sectional assessment score



Sectional assessment recommendations

This slide recommends different ways to increase the IT strategy maturity

Recommendations:

- There are sections in the strategy that are very strong and some that fall short.
- Mainly the business context portion has many areas that can be improved upon. Clear statement of the organization's vision statement and mission statement are required.
- Further, clearer, more visual representation of the organization's goals would also be welcomed.
- On the target state, a visual of the alignment between IT goals and business goals will really emphasize IT's support of the organization.
- Utilizing an IT maturity scale will provide a stronger emphasize for the difference between IT's current state to IT's target state.
- Measure IT's performance using different diagnostics and surveys. Input benchmark data into the IT strategy depict how IT compares to its peers.
- Connect IT initiatives to business goals to show how each IT project will support the business.
- Sum the budget required in the target state to depict the different between the current IT budget and the budget that will be needed in the target state.
- Create different audiences and tailor messages to each audience for the communication plan and the refresh plan.

Sectional Assessment: Business Context

INFO~TECH RESEARCH GROUP

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Business goals, capabilities and initiatives assessment

Gaps and Omissions

Business Goal to Business Initiative

□ For each business goal there are at least two business capabilities/business initiatives that are defined to support the business goal.

Business Goal Details

□ Each business goal has accompanying "sub-goals" or details that describe key actions and milestones of the goal.

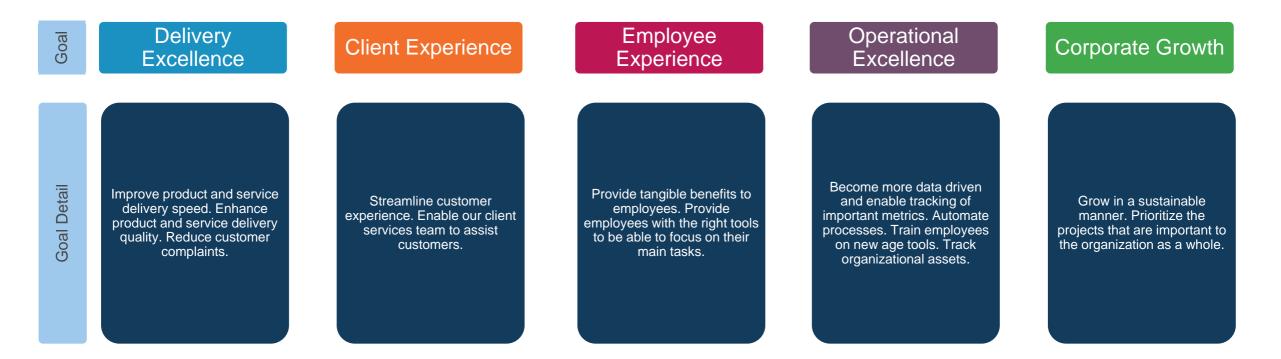
Business Goals

- ✓ There is a list of business goals present in the IT strategy.
- The business goals are derived from corporate documents OR the business goals were discovered through interviews with stakeholders.

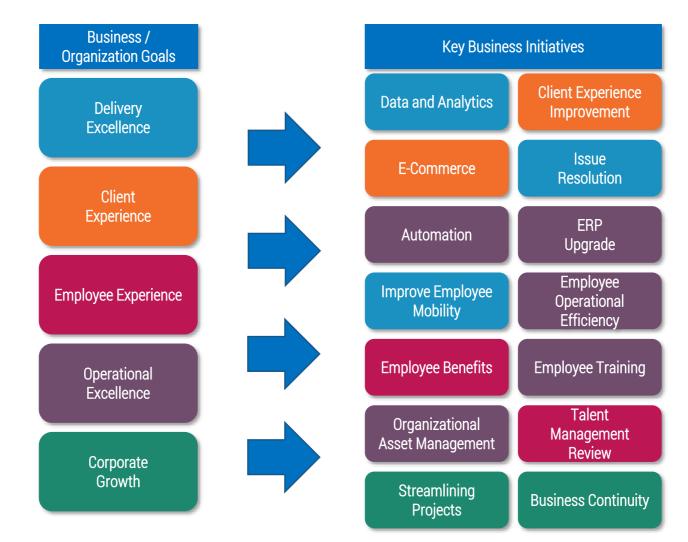
Recommendations:

- Provide more details regarding each goal presented. Instead of simply listing the goal, also actions that each goal would need to entail.
- To further strengthen this section, add business capabilities and/or business initiatives that would support the listed goals.

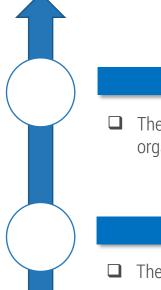
Business goals, capabilities and initiatives example



Business goals, capabilities and initiatives example



Organization vision and mission assessment



Gaps and Omissions

Connection to IT Strategy

The IT strategy development team can clearly articulate how the IT strategy supports the organization's vision and mission statement.

Statement Message

□ The IT strategy development team can clearly articulate the message of the organization's vision and mission.

Vision and Mission Statements

□ The organization's vision and mission statements are both present in the IT strategy.

Recommendations:

- It is not clear that the organization's mission and vision statement are listed in the IT strategy document.
- List the organization's vision and mission statement. Afterwards, provide details on how IT will support the organizational vision statement and mission statement.

Organization vision and mission example

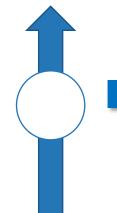
Vision

Become a respected leader and partner in <industry>, improve our customer's quality of life.

Mission Provide safe, reliable, and environmentally responsible products and services.

Source: XXXX

External analysis assessment



Gaps and Omissions:

External Factor Completeness

□ The external analysis take into account these six factors: Political, Economic, Social, Technological, Legal, and Environmental.

External Factors

□ There is an analysis based on the at least three different external factors (e.g. Political, Economic, Social etc.)

Basic External Analysis

 \checkmark There is an analysis on external factors impacting the organization.

Recommendations:

- Present a more in-depth external factors analysis. Provide the external analysis section with more organization by classifying each factor under a category.
- Conduct an external factor analysis with additional perspective.
- Refer to the PESTLE Analysis section in the blueprint Define the Business Context Needed to Complete Strategic IT Initiatives for instructions on how to complete.

PESTLE example

Political	 Federal taxation changes Foreign government market impact GDPR Brexit driven market fluctuations NAFTA changes Currency impact Political impacts on regulatory compliance Impact on discretionary income of clients 	 Markets fluctuations driving investment Hedging opportunities Outsourcing infra – reliability Regulatory impact – filing requirements Market rate impacts for talent M&A impacts 	Economic
Social	 Demographics – aging client base How to attract Millennials Social tools – instant feedback, peer tools Social conscience – environmental, cyber-security Market social responsibility 	 Constant demand for "the best" Always something new Fear of change Solution decision In-house vs cloud XAAS RPA Cloud Al 	Technological
Legal	 Legal impact of business processes / decisions Changing regulatory rules New rules that drive policy creation and compliance Educating staff on regulations and implications of non-compliance New industry standards – focusing on client interaction Audit requirements Privacy impacts and compliance – mandatory reporting 	 Push to being environmentally friendly Reduction in paper Reduction in energy consumption DR BC 	Environmental

Common themes assessment



Gaps and Omissions:

Common Themes Description

□ For each theme, there is a description section that articulates the pain points experienced and the value gained from addressing the pain points.

Common Themes Data Gathering

- □ The common themes are gathered from at least three sources (e.g. multiple interviews and/or documents).
- □ The themes gathered are clearly identified in the IT strategy.

Common Themes

There is a section of the IT strategy that outlines the key themes gathered from business stakeholder interviews and business document analysis.

Recommendations:

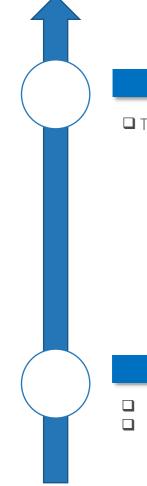
- There is currently no common themes analysis present. There is mention of interviews conducted.
- Categorize the interview information and present it in a manner that addresses the common themes of the interview.
- Refer to the Stakeholder Interviews section in the blueprint Define the Business Context Needed to Complete Strategic IT Initiatives for instructions on how to complete.

Common themes example

Themes	Description
Project Prioritization	There is a lack of clear project prioritization from the business side, which has caused resources to be spread too thin resulting in delays or delivery quality issues. Ensuring priority projects align with long-term strategy will help dedicate the necessary capacity towards the most important tasks.
Adaptive Technology	Technology available for internal and client-facing processes has not kept up with the rate of change of the business, which is driven by industry change and customer expectations.
Regulatory Changes	Regulatory changes, as well as the rate of regulatory change, are areas where IT can play a role in ensuring compliance.
Security	With increasing digitization, the organization opens itself up to more cyber security risk. Given the nature of the industry, a security breach would present a significant risk to the company's reputation.
Innovation	There is a need to achieve a balance between incremental and disruptive innovation. IT needs to be an advisor to the business in terms of emerging technology that can help solve business problems.
IT as Business Partner	IT and the business need to work together to generate solutions for business problems. For this to work, IT needs to build business awareness, and the business needs to engage IT in strategic conversations early in the process.
Business Growth	The business is growing through M&A as well as organically. Furthermore, growing diversity of product and revenue demands are creating technological and cultural challenges.
Digitized Onboarding	A faster and more seamless experience for customers is a business priority. Digitized onboarding will accomplish this by streamlining the current process, which relies heavily on paper forms.
Succession Planning	Certain IT staff are essential through their vast and specialized knowledge, and their loss would present a significant risk. A highly tenured workforce is both a strength and a challenge in terms of ensuring the organization has the right skills to keep up with industry changes and aligning skillsets with long-term strategy.

Sectional Assessment: Target State

IT implications assessment



Gaps and Omissions:

Seven Perspectives

□ The IT implications analysis for each goal covers the following seven perspectives:

- Deple: What are the possible effects on IT from a roles and capacity perspective?
- Process: What impacts to processes, their complexity, documentation, etc., would occur as a result of the business context?
- □ Technology: What changes to applications and infrastructure need to happen to facilitate the directions set out in business context?
- Data: What are the changes from a data and information perspective that need to occur as a result of the business context?
- □ Sourcing: What sourcing changes and decisions need to be made to facilitate the business context?
- Location: What additional locations or changes to locations might affect IT?
- □ Timing: What changes in cycle time need to occur to enable the business context? What are the timing dependencies from the business context that need to be factored in to prioritize IT projects?

IT Implications

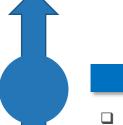
- There is a list of IT implications called out in the strategy.
- The IT implications are clearly based on the business goals and their corresponding business capabilities/business initiatives.

- There are no listed IT implications based on the business context in the IT strategy.
- Refer to section 1.2 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

IT implications example

Business Goal & Business Initiatives	IT Implication
Delivery Excellence	 Need more cross-training to ensure IT isn't "one deep" in terms of expertise. May have to leverage consultants in order to manage processes (can help with staffing issues) Communication around setting expectations will have to be improved Need to look at what IT currently has and what is needed to support the business to the level the business wants (example: what staffing levels are needed in order to support the business) Service Level Agreements (SLA) would help to improve customer service
Data and Analytics	 Need to identify primary owners for support, who the contacts are if you need to go back to the vendor Need to refine processes to make them more streamlined (onboarding, training) Unclear who owns data currently, need to formalize this – need to formalize data retention policies as well
Issue Resolution	 Need to identify the customer expectations for IT support and coverage Need to look at resource capacity to better handle demand management Customer participation will be critical to this goal
Improve Employee Mobility	 Require consistency in processes from the customers in order to know how to act moving forward Need to stay current with technology Need to define and build the relationship between the IT and OT group (define roles and responsibilities) Need to define a standard processes around communication IT needs to learn more about the different business units Define IT requirements across different department budgets

IT strategy scope assessment



Gaps and Omissions:

Scope Clarity

- Each section of scope is clearly laid out.
- ✓ It is clear from reading the scoping document what the scope of the IT strategy will be.

Scope Components

IT strategy scope addresses the following:

- ✓ Breadth: The different aspects the strategy will address (e.g. people, process, technology etc.)
- Depth: The level of detail the IT strategy will have.
- ✓ Organizational coverage: Which part of the organization will the IT strategy support.
- Planning horizon: When the target state will be reached and the length of the roadmap.

IT Strategy Scope

 \checkmark There is some language in the IT strategy explaining the scope of the IT strategy.

- The sections of scope are not clearly laid out, although they are present. There was no language around the depth of detail to be provided for the IT strategy.
- Clearly identify the level of detail provided by the IT strategy. Further, delineate each section of scope clearly in the IT strategy document.
- Refer to section 1.3 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

IT strategy scope example

Breadth	Depth
The IT strategy will address process, people, technology, sourcing, location and data changes.	The depth of coverage for the IT strategy will be at the initiative level.
Organizational Coverage	Planning Horizon
The IT strategy will cover the North American operations only.	The planning horizon of the IT strategy will be to the end of 2021.

IT vision and mission statements assessment



Gaps and Omissions:

Connection to Organization

The statements follow these characteristics:

- Vision statement: Describes a desired future. Focuses on ends, not means. Aspirational. Memorable. Concise.
- Mission Statement: Articulates purpose. Describes how to achieve the vision. Easy to grasp. Sharply focused.
- □ The IT team can clearly articulate how the statements support the organization.
- □ The wording in the statements is succinct. The wording conveys the exact meaning of the statements.

IT Vision and Mission Statement

 \checkmark There is a IT vision statement and IT mission statement present in the IT strategy.

- The vision statement and mission statement for IT are mentioned. But they are not depicted clearly in the strategy.
- Create a separate section for the vision statement and mission statement.
- Refer to section 1.4 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

IT vision/mission statements example

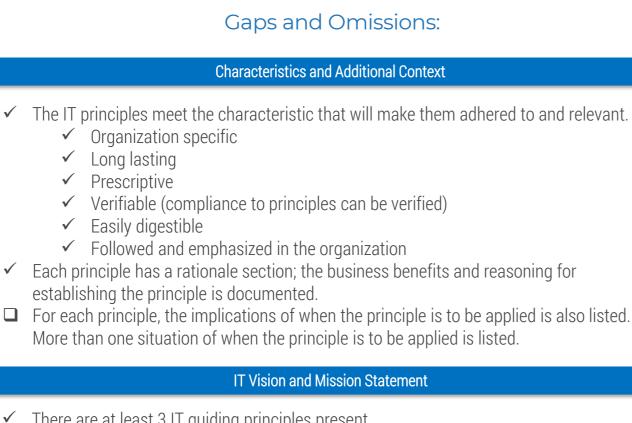
Vision

To be a trusted technology partner empowering the business through innovation and efficiency.

Mission

We deliver the best technological solutions for new and existing business opportunities through collaboration with our stakeholders.

IT guiding principles assessment



- ✓ There are at least 3 IT guiding principles present.
- For each IT guiding principle, the principle is named, and the details of the principle are explained.

- IT guiding principles are listed in the IT strategy document. The IT guiding principles listed do not possess a implications section.
- Refer to section 1.4 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

IT guiding principles example

IT Principle 1: Enterprise value focus

We aim to provide maximum long-term benefits to the enterprise as a whole, while optimizing total costs of ownership and risks.

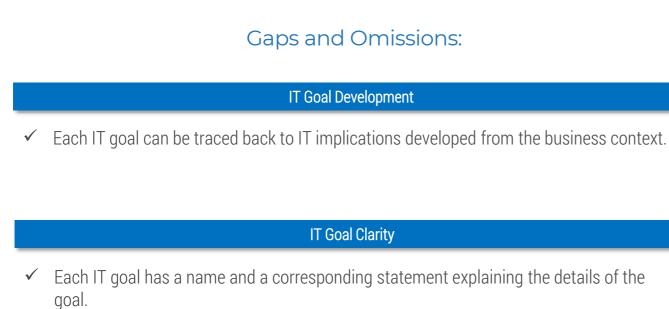
Rationale

- Solutions must aim to maximize the cumulative business benefits over their entire lifecycle.
- Enterprise priorities are above priorities of a business unit or a project.
- Total cost of ownership is more important than the cost to buy/build alone.
- Risk governance and management are integral elements of the company's operating model.

Implications

- · Link all investment proposals to business/IT strategy and goals.
- Track and demonstrate business value realization on all major investments.
- Prefer common solutions and shared services that benefit the enterprise over one-off solutions for one business unit.
- Analyze and take into account organizational readiness for adopting new solutions.
- Manage development and operational risks on every project and acquisition.
- Include the total cost of ownership analysis for the proposed solution or solution options for every investment (project or acquisition) proposal.
- Prefer vendor-independent solutions to avoid vendor lock-in and enable competitive sourcing.

IT strategic goals assessment



✓ The IT goal name and explanation is easily understandable by all audiences.

IT Goals

 \checkmark There are 3 to 7 IT goals present in the IT strategy.

Recommendations:

• The IT goals section is strong and well developed.

IT strategic goals example



IT goal alignment assessment



Gaps and Omissions:

Presentation

□ The relationship between each IT goal and their corresponding business goals can be succinctly explained to all audiences.

Connection to Business Goal

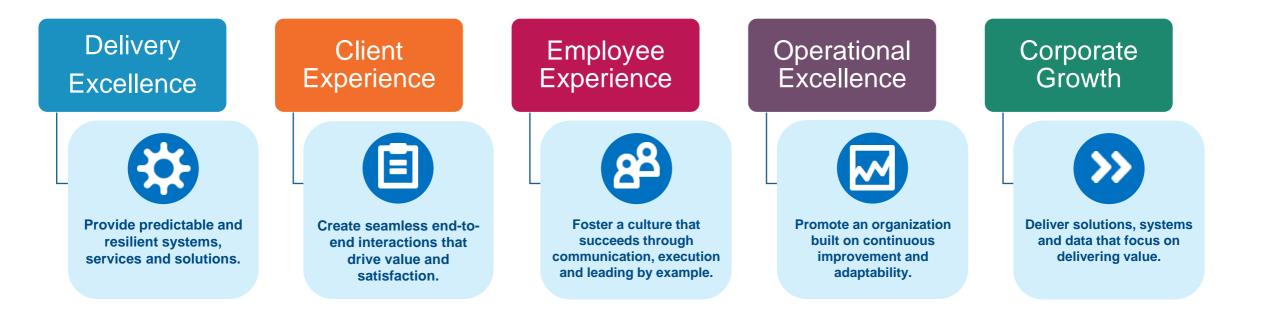
The relationship between each IT goal and their corresponding business goals is intuitive. The audience can easily see why a particular IT goal is connected to a certain business goal.

Goal Alignment

- IT goal alignment to business goals is present.
- There is an established relationship between each IT goal and at least one business goal.

- There is currently no depiction of IT goals being linked to business goals.
- Create a linkage between IT goals to business goals to explain how IT will support the organization's objectives.
- Refer to section 1.6 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

IT goal alignment example



IT target state maturity assessment



Gaps and Omissions:

Additional Details

A timeline is set out as to when IT will achieve the target state maturity.

There is a short summary of what IT is lacking in the current state that needs to be improved to reach the target state.

Target State Maturity

□ IT's target state maturity is clearly indicated, and a reason is provided to explain why this target state maturity is selected.

IT Maturity Assessment

□ A maturity scale is used to indicate the target state maturity of IT.

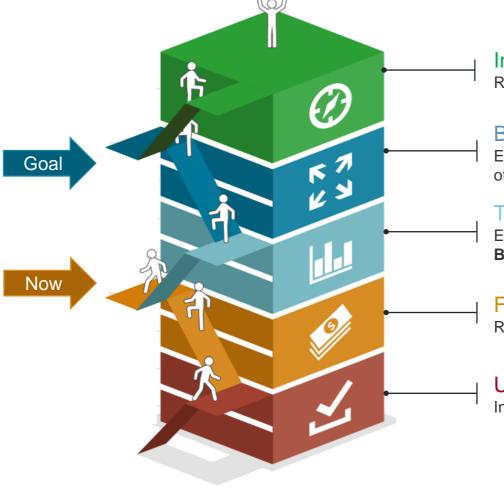
- There is no indicated maturity scale.
- Info-Tech recommends using Info-Tech's maturity ladder to succinctly communicate where IT's future state maturity.
- Refer to section 1.7 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

IT target state maturity example

The IT team currently operates at the upper level of *Firefighter*, on the cusp of *Trusted Operator*.

By the end of the current IT strategic plan, in 2021, the team would like to move up the maturity ladder to *Business Partner*

It is important to note, that the IT organization currently has processes and capabilities that operate in the higher levels, but overall functions as a Firefighter.



Innovator - Transforms the Business Reliable Technology Innovation

Business Partner - Expands the Business

Effective Execution on Business **Projects**, Strategic Use of **Analytics** and **Customer Technology**

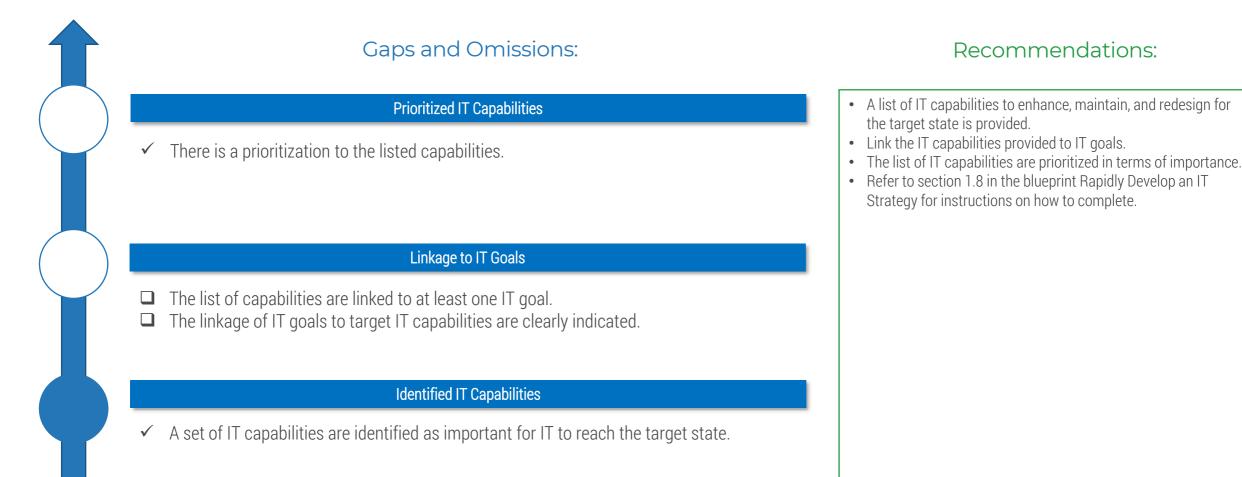
Trusted Operator - Optimizes the Business

Effective Fulfillment of **Work Orders**, Functional **Business Applications**, and Reliable **Data Quality**

Firefighter - Supports the Business Reliable Infrastructure and IT Service Desk

Unstable - Struggles to Support Inability to Provide Reliable Business Services

IT target capabilities assessment



IT target capabilities example

Provide predictable and resilient systems, services and solutions.	Create seamless end-to- end interactions that drive value and satisfaction.	Foster a culture that succeeds through communication, execution and leading by example.	Fromote an organization built on continuous improvement and adaptability.	Deliver solutions, systems and data that focus on delivering value.
Organizational Change Management	Innovation	Cost Optimization	Business Intelligence and Reporting	Application Design and Management
Stakeholder Relations	Business Value	Security Management	Data Quality	Enterprise Architecture
Business Value	Application Development Throughput	Project Delivery (PM, PPM, RG)	Data Architecture	Requirements Gathering
IT Organizational Design	Organizational Change Management	Human Resources Management	Requirements Gathering	Business Value
Manage Service Catalogs	Performance Measurement	Service Management	Business Value	Security Management

Sectional Assessment: Current State

Diagnostics and benchmarking assessment

		There is a benchmar industry peers. The diagnostic data for each of the diagn
(
		There is one diagnos
		There is one diagnos

Gaps and Omissions:

Comparisons and Details

- There is a benchmark provided in the IT strategy that measures how IT compares to industry peers.
- The diagnostic data are analyzed and areas of IT capability deficiencies are documented, for each of the diagnostics.

IT Leadership Diagnostic

□ There is one diagnostic/survey completed by IT executives on IT effectiveness.

Business Leadership Diagnostic

□ There is one diagnostic/survey completed by business stakeholders on IT satisfaction.

- There are no benchmarks present in the IT strategy document. Use Info-Tech's diagnostic benchmarking services to understand where the organization stands compared to peers.
- There were no diagnostics/surveys conducted to assist with creating the IT strategy.
- Use Info-Tech's CIO BV diagnostic to understand business leader satisfaction with IT.
- Use Info-Tech's MGD diagnostic to understand IT leader satisfaction with IT processes.
- Refer to section 2.1-2.3 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

Diagnostics and benchmarking example

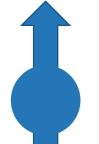
The Business' View of IT

Business stakeholders were surveyed on their views of IT. Results showed a high level of importance on Network and Communication Infrastructure, and low levels of satisfaction with Data Quality, and Analytical Capability and Reports.





Current IT capabilities assessment



Gaps and Omissions:

IT Capability Improvement Details

- ✓ For each IT capability, the reason for improvement is documented.
- For each IT capability improvement area, the diagnostic where the improvement suggestion is coming from is documented.

IT Leadership Assessment

- IT capabilities that are identified by IT leadership as needing improvement are documented.
- Themes identified by IT leadership are grouped and linked to IT capability improvement areas if applicable.

Business Leadership Assessment

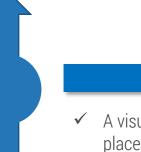
- ✓ IT capabilities that are identified by business leadership as needing improvement are documented.
- Themes identified by business leadership are grouped and linked to IT capability improvement areas if applicable.

- There is a list of current IT capabilities that need to be improved based on input from IT leadership and business leadership.
- The linkage the inputs of from business leadership and IT leadership to each IT capability improvement can be made clearer.
- Refer to section 2.4 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

Current IT capabilities example

Focus Areas	Detail
Stakeholder Relations	 Significant misalignment with stakeholder regarding, IT budgeting and headcount changes. Will need to improve stakeholder relations process to enhance communication between IT and stakeholders.
Project Management	 Project management and its corresponding components were denoted by both IT and the business as ineffective.
Analytical Capability and Reports, Business Reporting	 There is a desire from the business to consume more reports. Business stakeholders are frustrated by the lack of standard reports and the lack of actionable data.
IT Governance	 Interactions with IT can differ from one person to the next, there is a need for greater consistency in IT processes and services to ensure uniform delivery.
Organization Change Management	 Multiple respondents expressed frustration with the fact that apps were cumbersome to navigate. There is a greater desire to ensure that employees are made away of how applications assist with their tasks and how it will impact them beforehand.
Security Management	 General dissatisfaction from IT management on the lack of effective security management. Strategy is well planned but unfortunately the execution of the strategy is lacking.
Data Quality	General consensus between the business and IT is that data quality is poor throughout the organization.
Requirements Gathering	 Many respondents did not know the definition of "requirements gathering". Those that were clear were frustrated by the process. There is a sentiment that IT does not understand the business units and a desire from some areas employ BRMs (an example was used of how accounting uses business managers).

Current IT budget assessment



Gaps and Omissions:

Additional Details for Budget

A visual representation of capital and operating expenditure increase or decrease is in place for the entire duration of the IT strategy.

Details for Budget

✓ A visual representation of capital and operating expenditure increase or decrease between the current fiscal year or subsequent fiscal year is present.

Basic Budget Information

 Capital expenditure and operating expenditure totals are outlined for the current fiscal year and the subsequent fiscal year.

- The current IT Budget section meets the best characteristics set out in effective IT strategies.
- Refer to section 2.5 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

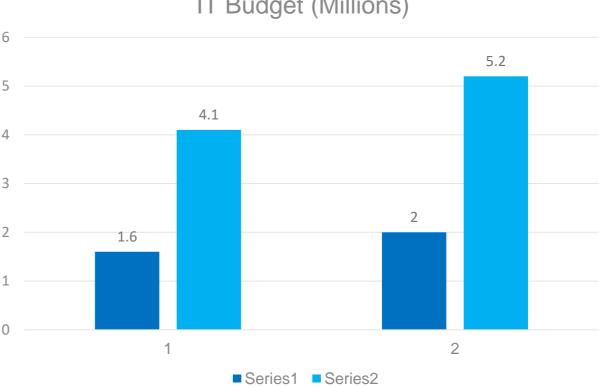
Current IT budget example

2018 – CapEx \$1.6 million, OpEx \$4.1 million

• 2018 OpEx includes \$1.8M in salaries, \$1.0M for SW and HW maintenance, \$500k for telephony and data, and \$500k for consulting

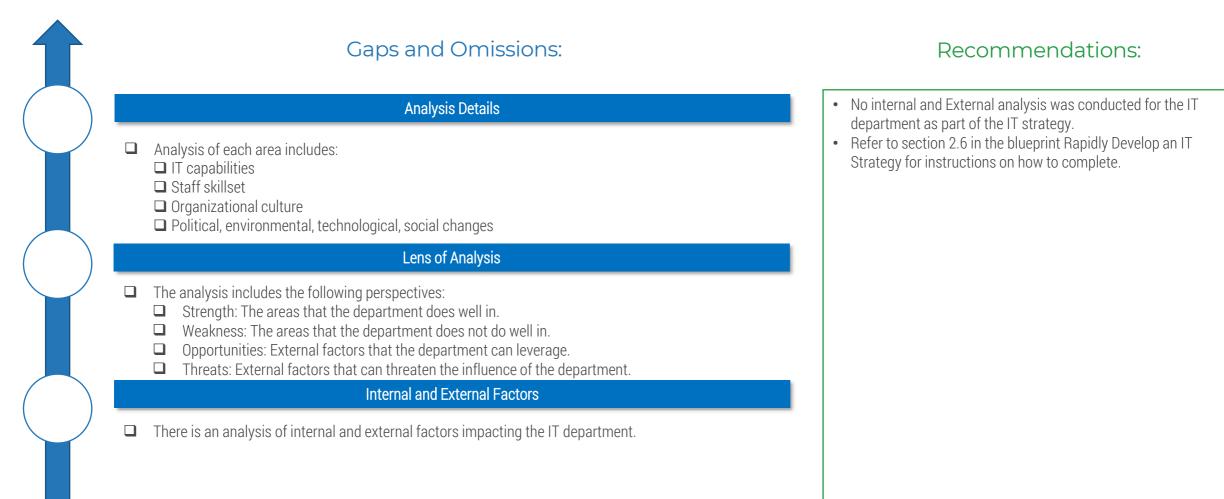
2019 – CapEx \$2.0 million, OpEx \$5.2 million

• 2019 OpEx includes \$2.2M in salaries, \$1.0M for SW and HW maintenance, and \$800k for consulting



IT Budget (Millions)

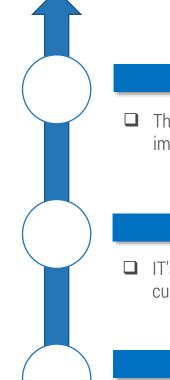
IT internal and external factors assessment



IT SWOT example

	Helpful to achieving the objective	Harmful to achieving the objective
	Strengths	Weaknesses
Internal origin attributes of the organization	 Strong internal collaboration/communication People – hard working, quality work, skilled, engaged Service orientation Strong technology change management process Business Relationship Consultants Customer communication and engagement (maintenance) Project management capability has improved Manage large quantities of data High availability of systems 	 Asset management Resource / staffing capacity constraints, turnover Insufficient resources to meet customer demand Capacity and demand management Quality management Perception of inconsistency in urgency of response to client needs Failure to meet customer expectations Work prioritization and governance Incomplete data center redundancy / disaster recovery Consistently learning customer needs
External origin attributes of the environment	 Opportunities Cloud computing, SaaS, disruptive technology Enterprise tools (PM, testing, monitoring, automation, etc.) Leverage public private partnerships Population growth increases talent pool, revenue Become more flexible and agile Ongoing risk management 	 Threats Outages of external vendors Economic downturn Change in government / officials / policy / legislation Unplanned / unfunded / ad-hoc customer requests Other organizations poach employees Population growth requires more services Natural disasters Siloed culture

IT current state maturity assessment



Gaps and Omissions:

Additional Details

There is a short summary of what IT is lacking in the current state that needs to be improved on to reach the target state.

Current State Maturity

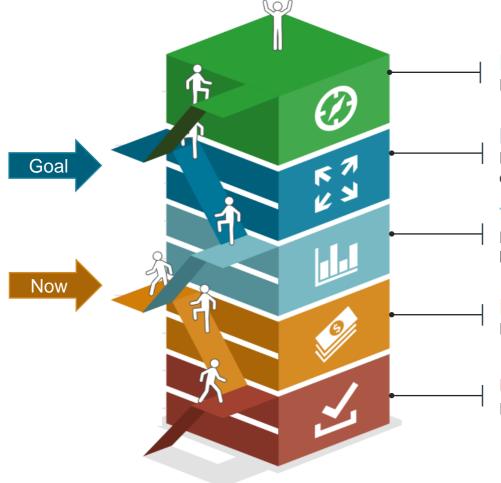
□ IT's current state maturity is clearly indicated and a reason is provided for why this current state maturity is selected.

IT Maturity Assessment

□ A maturity scale is used for measuring the current level of IT maturity.

- There is no maturity scale used to assess the IT current state maturity.
- Refer to section 2.7 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

Current IT maturity example



Innovator - Transforms the Business Reliable Technology Innovation

Business Partner - Expands the Business Effective Execution on Business **Projects**, Strategic Use of **Analytics** and **Customer Technology**

Trusted Operator - Optimizes the Business

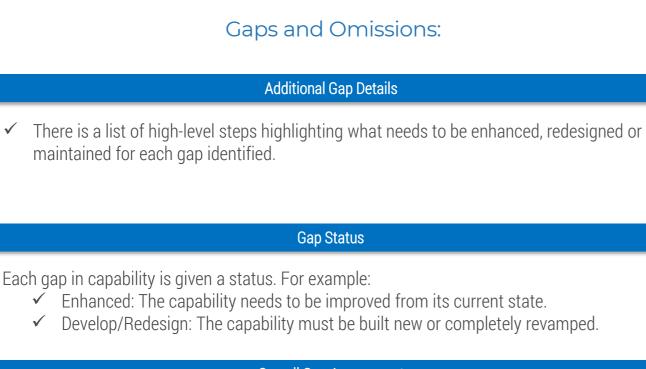
Effective Fulfillment of **Work Orders**, Functional **Business Applications**, and Reliable **Data Quality**

Firefighter - Supports the Business Reliable Infrastructure and IT Service Desk

Unstable - Struggles to Support Inability to Provide Reliable Business Services

Sectional Assessment: Gaps and Roadmap

Overall gap analysis assessment



Overall Gap Assessment

 There is a section in the strategy that discusses gaps in IT capabilities from the current state to the target state.

Recommendations:

• The IT strategy has satisfied all the characteristics of creating an effective overall gap analysis section.

Overall gap analysis example Tr Mana

To support the business in achieving its strategic imperatives, IT identified key capabilities that represent opportunities for growth within the following domains:

- Strategy & Governance
- Financial Management
- People & Resources
- Service Planning & Architecture
- Security & Risk
- Apps
- Data & Bl
- PPM & Projects

		_	A	comprehensi	ve and conne	cted set of rese	arch		APPS	E ITRG06
	IT Governance			lp you optimize	e and improve	e your core IT p			Application Portfolio Management	Business Intelligence and Reporting
1	AP0 02	11 AP001		INFO~		AN ISACA* FRAMEWORK		Фа АРО 13	BAI03	ITRG07
hin	IT Strategy	IT Management and Policies	PEOPLE & RESOURCE	S			SECURITY & RISK	Security Strategy	Enterprise Application Selection & Implementation	Data Architecture
	MEA01	11 APO04	APO 07				DSS 05	DSS06 MEA02	BAI 03	ITRG08
	Performance Measurement	Innovation	Human Resources Management		INFRA & O	STRUCTURE PERATIONS	Security Management	Business Process Controls and Internal Audit	Application Development Throughput	Data Quality
	EDM 02	APO 08 EDM05	ITRG01	• C APO03	BAI04	BA106	Cha EDM03 AP012	MEA 03	BAI 07	APO 05
	Business Value	Stakeholder Relations	IT Organizational Design	Enterprise Architecture	Availability and Capacity Management	Change Management	Risk Management	External Compliance	Application Development Quality	Portfolio Management
	AP0 06	BAI08	ITRG02	APO 09	BAI 09	BAI10	BAI07	DSS04	TRG05	BAI01
	Cost and Budget Management	Knowledge Management	Leadership, Culture and Values	Service Management	Asset Management	Configuration Management	Release Management	Business Continuity	Application Maintenance	Project Management
	So AP010		ITRG03	AP011	DSS 01	DSS02	DSS03	DSS 04	BAI 05	S BAIO2
	Vendor Management	Cost Optimization	Manage Service Catalogs	Quality Management	Operations Management	Service Desk	Incident and Problem Management	Disaster Recovery Planning	Organizational Change Management	Requirements Gathering
	FINANCIAL MANAGEMI	ENT	SERVICE PL & ARCHITEC		Legend:	Maintain	Enhance	Redesig		PPM a PROJECT

Target state IT capability gaps assessment

	(
	These identified target IT ca
	Each gap in capability is given a ✓ Enhanced: The capability ✓ Develop/Redesign: The o
$\left(\right)$	

Gaps and Omissions:

Linked to IT Goals

apability gaps are linked to at least 1 IT goal.

Gap Status

status. For example:

- ty needs to be improved from its current state.
- capability must be built new or completely revamped.

IT Capability Gaps

There is a list of IT capabilities identified that are the focus areas to reach the IT target \checkmark state.

- The gaps between current and target state capabilities are clearly depicted.
- Link the IT capabilities to the IT goals to create a succinct way to communicate how each IT capability improvement will assist the organization.
- Refer to section 3.1 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

Target state IT capability gapsexampleLegend:

-		9		Develop
Provide predictable and	B Create seamless end-to-	B B B B B B B B B B	Promote an organization	Deliver solutions, systems
resilient systems, services and solutions.	end interactions that drive value and satisfaction.	succeeds through communication, execution and leading by example.	built on continuous improvement and adaptability.	and data that focus on delivering value.
Organizational Change Management	Innovation	Cost Optimization	Business Intelligence and Reporting	Application Design and Management
Stakeholder Relations	Business Value	Security Management	Data Quality	Enterprise Architecture
Business Value	Application Development Throughput	Project Delivery (PM, PPM, RG)	Data Architecture	Requirements Gathering
IT Organizational Design	Organizational Change Management	Human Resources Management	Requirements Gathering	Business Value
Manage Service Catalogs	Performance Measurement	Service Management	Business Value	Security Management

Redesign /

Develop

Enhance

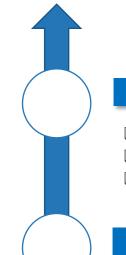
Current IT initiatives to IT goals assessment

Gaps and Omissions:	Recommendations:
Linked to IT Goals	• The IT strategy has satisfied all the characteristics of creating an effective current IT initiative to IT goals section.
 IT initiatives are linked to IT goals in a visual manner. Each critical current IT initiative is linked to at least one IT goal. Each IT goal has at least two current IT initiatives linked to it. 	
IT Initiative Delineation	
 There is a delineation between critical current IT initiatives vs. non-critical. 	
Current IT Initiatives	
\checkmark There is a list of current IT initiatives.	

Current IT initiatives to IT goals example

Frovide predictable and resilient systems, services and solutions.	Create seamless end-to-end interactions that drive value and satisfaction.	Foster a culture that succeeds through communication, execution and leading by example.	Fromote an organization built on continuous improvement and adaptability.	Deliver solutions, systems and data that focus on delivering value.
Refresh end-user devices	Call center upgrade	IT strategy rollout to IT team	ERP assessment	Enterprise architecture tool assessment
Application lifecycle management review & analysis	Website refresh	Job shadowing within IT and between IT and business	Tool and vendor evaluation for testing automation	Review of intake process for business projects
Data Analytics roadmap		Reward program for IT employees	Service desk software and asset management tool upgrade	Review of intake process for IT projects
Service Management enhancement		IT culture review with senior leadership	Current industry membership review	
MDM Project		IT recruitment process review	Engagement of 3 rd parties for learning and training	
			Quarterly updates at Executive meetings	Info-Tech Research Group 71

Current IT initiatives to business goals assessment



Gaps and Omissions:

Linked to Business Goals

- □ IT initiatives are linked to business goals in a visual manner.
- Each critical current IT initiative is linked to at least one business goal.
- Each business goal has at least two current IT initiatives linked to it.

IT Initiative Delineation

□ There is a delineation between critical current IT initiatives vs. non-critical.

Current IT Initiatives

□ There is a list of current IT initiatives.

- IT Initiatives are not linked to business goals.
- Complete the activity IT Goal Alignment in the Target State to better link IT initiatives to business goals.
- Refer to section 3.4 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

Current IT initiatives to business goals example

Delivery Excellence	E Client Experience	esperience State S		Corporate Growth
Refresh end-user devices	Call center upgrade	IT strategy rollout to IT team	ERP assessment	Enterprise architecture tool assessment
Application lifecycle management review & analysis	Website refresh	Job shadowing within IT and between IT and business	Tool and vendor evaluation for testing automation	Review of intake process for business projects
Data Analytics roadmap		Reward program for IT employees	Service desk software and asset management tool upgrade	Review of intake process for IT projects
Service Management enhancement		IT culture review with senior leadership	Current industry membership review	
MDM Project		IT recruitment process review	Engagement of 3 rd parties for learning and training	
			Quarterly updates at Executive meetings	Info-Tech Research Group 73

Future IT initiatives to it goals assessment



Gaps and Omissions:

Linked to IT and Business Goals

Future IT initiatives are linked to IT and business goals in a visual manner.
Each critical future IT initiative is linked to at least one IT and business goal.

IT Initiative Clarity

✓ Each future IT initiative can be traced to one of the IT capability gaps that were identified.

Future IT Initiatives

- There is a distinct list of IT initiatives that are define to address the gaps in the IT strategy
- There is a delineation between critical future IT initiatives vs. non-critical.

- Future IT initiatives are linked to IT goals and capabilities but not business goals.
- Complete the IT Goal Alignment exercise in the Target State section to link future IT initiatives to business goals.
- Refer to section 3.7 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

Future IT initiatives to IT goals example

for projects

Frovide predictable and resilient systems, services and solutions.	Create seamless end-to-end interactions that drive value and satisfaction.	Foster a culture that succeeds through communication, execution and leading by example.	Fromote an organization built on continuous improvement and adaptability.	Deliver solutions, systems and data that focus on delivering value.
Service catalogue creation	Formalize organizational change management	Add IT policies to meet gaps	Improve data quality using standards	Establish enterprise architecture practice
Formalize organizational change management	Implement performance management		Enhance requirements gathering process	
Redesign IT organization			Establish data architecture practice	
Improve stakeholder relations				
Enhance business value analysis				

IT initiative profile assessment



Initiative Profile

- ✓ There is an IT initiative profile for each IT goal identified.
- ✓ There are least three IT initiatives linked to an IT goal in the initiative profile.

- The IT initiative profiles in the IT strategy provide all the details in an ideal IT strategy.
- It is not clear which IT strategies are linked to the IT goals in the initiative profile. It is recommended to depict this linkage clearly.
- Refer to section 3.9 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

Future IT initiatives to IT goals example



Provide predictable and resilient systems, services and solutions.

Initiative & Timeline

Refresh end-user devices

Started → Q2/19 \$\$ - funded

Application lifecycle management review & analysis Q1/19 → Q1/19 \$ - funded

Data Analytics roadmap

Started → Q4/18 \$\$\$ - funded

Service Management enhancement

> Started → Q4/18 \$\$ - unfunded

MDM Project

Started → Q4/18 \$\$ - unfunded

Risks:

Accountable:	XXXX
Dependencies:	None
Risks:	Supplier, implementation, compatibility, resources
Accountable:	XXXX
Dependencies:	Resources
Risks:	Resources
Accountable:	XXXX
Dependencies:	Infrastructure, security
Risks:	Data access and integration, resources, knowledge management
Accountable:	XXXX
Dependencies:	Data lake, people, process
Risks:	Scope
Accountable:	XXXX
Dependencies:	None

Vendor

Key Steps & Business Benefits

Update technology, performance & productivity

Efficiency, operational excellence, simplicity, flexibility, capacity, continuous improvement

Improved analytics and data accessibility and quality

Customer service, operational excellence, data capture, employee experience

Customer service, operational excellence, data capture, employee experience

IT initiative prioritization assessment

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Gaps and Omissions:

Prioritization Quality

- ✓ There are at least 20 IT initiatives that are prioritized using the method outlined in the IT strategy.
- The priority of each IT initiative can be easily explained by the IT team.

Prioritization Criteria Clarity

- ✓ There are clear criteria laid out for prioritizing IT initiatives.
- There at least two criteria used to prioritize IT initiatives.

IT Initiative Prioritization

 \checkmark A method of prioritizing IT initiatives is evident in the IT strategy.

- The prioritization methodology presented by the team in the IT strategy is easy to explain and meets other criteria.
- Refer to section 3.10 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

IT initiative prioritization example

The IT initiatives were prioritized against the Five Business Goals, each weighted according to IT's potential impact.

Prioritization Criteria	Weighting
Criteria #1	20%
Criteria #2	15%
Criteria #3	25%
Criteria #4	10%
Criteria #5	30%

Initiative	Priority
Data Analytics roadmap	1
Enterprise architecture tool assessment	2
Refresh end-user devices	3
Service Management enhancement	4
MDM Project	5
IT recruitment process review	6
Service desk software & asset management tool upgrade	7
ERP assessment	8
Application lifecycle management review & analysis	9
Engagement of 3rd parties for learning and training	10
Call centre upgrade	11
IT culture review with senior leadership	12
Review of intake process for business projects	13
Review of intake process for IT projects	14
Current industry memberships identification	15
Tool and vendor evaluation for testing automation	16
IT strategy rollout to IT team	17
Job shadowing within IT and between IT and business	18
Reward program for IT employees	19
Quarterly updates at executive meetings	20
Website refresh	21

Roadmaps assessment

Gaps and Omissions:

Roadmap Quality

- The roadmap is easy to understand and demonstrates the execution schedule of initiatives.
- There is a separate roadmap outlining the execution of critical IT initiatives vs. noncritical.

Roadmap Details

- ✓ The roadmap outlines distinct start and end dates of initiative execution.
- Each initiative on the roadmap is linked to the business or IT goal that it supports.
- ✓ The roadmap contains at least 10 Initiatives.

Roadmap

 \checkmark There is a roadmap that depicts the execution schedule of IT initiatives in the IT strategy.

Recommendations:

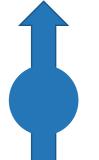
• The roadmap provided in the IT strategy has most, if not all the characteristics of an effective roadmap.

Roadmaps example

IT Goal		Initiatives	20	18		20	19			20	20		Ongoing
				Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
	Refresh end-user devices												
$\mathbf{\mathbf{G}}$		Application lifecycle management review & Analysis											
	Provide predictable and resilient systems, services and solutions.	Data Lake											
		Service Cloud											
		MDM Project											
U	Create seamless end-to- end interactions that drive	Call center upgrade											
	value and satisfaction.	Website refresh											
0		IT strategy rollout to IT team											
88	Foster a culture that	Job shadowing within IT and between IT and business											\rightarrow
	succeeds through communication, execution and leading by example.	Reward program for IT employees											\rightarrow
		IT culture review with senior leadership											\rightarrow
		IT recruitment process review											\rightarrow

Info-Tech Research Group | 81

Future IT budget assessment



Gaps and Omissions:

Future IT Budget Quality

- Each newly brainstormed IT initiative has a budget estimation that can be traced to the "future IT budget required."
- The future IT budget required is broken down for each IT initiative in the time horizon of the IT strategy.

Future IT Budget Details

- ✓ There are high-level calculations that show how the numbers were arrived at.
- □ There is a visual representation of the change in budget from the current fiscal year to the future IT budget.

Future IT Budget

✓ There is a "future IT budget required" section in the IT strategy.

- There is a future budget estimation for all IT initiatives.
- There is no summary of the collective budget required. It would be helpful to have this number.
- There is also no visual representation the change in budget from the current state and the target state.
- Refer to section 3.12 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

Future IT budget example

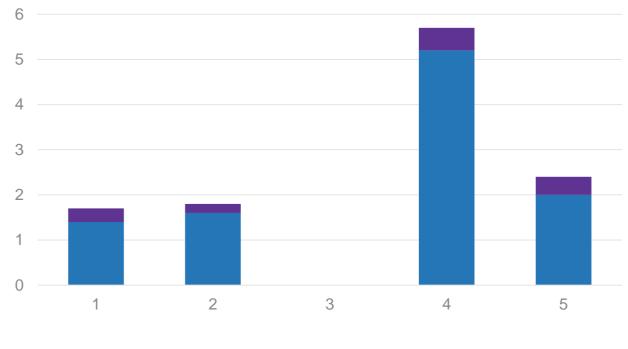
2018 – CapEx \$1.6 million, OpEx \$4.1 million

• 2018 OpEx includes \$1.8M in salaries, \$1.0M for SW and HW maintenance, \$500k for telephony and data, and \$500k for consulting

2019 – CapEx \$2.0 million, OpEx \$5.2 million

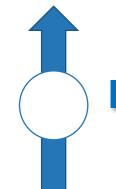
• 2019 OpEx includes \$2.2M in salaries, \$1.0M for SW and HW maintenance, and \$800k for consulting

IT Budget (Millions)



■ Series1 ■ Series2

Communication plan assessment



Gaps and Omissions:

Roadmap Quality

There is an outline of the message that is needed to be communicated to each group.
 There are deadlines to communicate the information to each group.

Communication Plan Details

□ There are separate audience groups delineated in the communication plan.

Communication Plan

✓ There is a communication plan in place with the purpose to communicate the IT strategy and/or changes to the IT strategy.

- There is a communication plan in place. Unfortunately, there are not any separate audiences delineated in the Communication Plan.
- Delineate the different groups that need to be communicated to and define the key message that to each group.
- Refer to section 3.16 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

Communication plan example

In order to ensure that XXXX's IT strategic plan is clearly communicated across both the IT and business organizations, the following rollout strategy was developed.

Audience	Channel	Level of Detail	Description	Timing
IT Management Team	Email, Meetings	All	 Distribute plan; solicit feedback Address manager questions to equip them to answer employee questions 	Q4 2018, (October, before entire IT team)
IT Team	Email, Q&A sessions following	IT summary deck	 Roll out after corporate strategy, in same form of communication Solicit feedback, address questions 	Q4 2018 (late November)
Select business stakeholders	Presentations	Executive deck	 Pilot test for feedback prior to Executive engagement 	Q4 2018; early December
Executive Team	Email & Briefing	Executive deck	Distribute plan	Q1 2019

Refresh plan assessment



Gaps and Omissions:

Refresh Plan Quality

Each trigger outlined shows which portions of the IT strategy will be refreshed.The audience involved in the refresh is clearly defined.

Refresh Plan Details

□ The refresh plan outlines triggering events that will begin a refresh of the IT strategy.

Refresh Plan

□ There is a section in the IT strategy that addresses how often the IT strategy will be refreshed.

- There is not section that addresses how often the IT strategy will need to be refreshed.
- Refer to section 3.17 in the blueprint Rapidly Develop an IT Strategy for instructions on how to complete.

Refresh plan example

The IT strategic plan is not meant to be a static one-time review, but rather an evolving roadmap that continues to align with business and industry needs. To this end, the following refresh plan was established.

Frequency	Audience	Scope
Annually	Business stakeholders, IT	 Re-survey Review / validate strategy
Quarterly	IT management team	 Initiatives status updates Business updates New projects Risks / constraints Changes in priorities Updates
Every 3 years (2021)	Senior management IT leadership	Full Planning