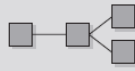


THE BUSINESS ASSESSMENT MODEL

①

Goal: Functional Match

Do the functional attributes of the application support current business needs?



Relevant Questions

- Does the application perform required capability and functionality?
- Do the capabilities of the application allow for or increase productivity, or do they not allow or inhibit productivity?
- Is the application flexible to accommodate business changes?
- Is the application easy to use?

Scoring Model

Score*	Criteria Description
0	<i>Does Not Meet:</i> The application fails to meet expectations in performing the required functionality or is no longer required.
1	<i>Immediate Improvement Required:</i> The application performs more than 50% of the required capability/functionality but requires significant enhancements within one year to continue to meet business needs.
2	<i>Future Enhancements Required:</i> Some enhancements are required to address changes in business needs within the next one to two years.
3	<i>Meets:</i> No improvement is required within the next two-year time frame (i.e., budgeting/review cycle).

②

Goal: Criticality

Are the business functions performed by the application vital to business operations?



Relevant Questions

- Does the functionality provided by the application directly impact revenue, cash flow, customer service, industry image, penalties, power interruption, or shareholder confidence?
- If there were a disaster, would the business function supported by this application need to be back and operational in less than 8 hours?
- Is there a recovery objective defined for this application?

Scoring Model

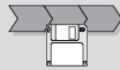
Score*	Criteria Description
0	<i>Not Critical:</i> The application does not impact cash flow, customer service, industry image, penalties, power interruption, or shareholder confidence.
1	<i>Relevant:</i> The application does not impact the business but is used internally to support relevant business functions.
2	<i>Important:</i> The application indirectly impacts the business in that it is required to keep the business running yet can be recovered in more than 8 hours.
3	<i>Critical:</i> The application directly impacts the business and has an effect on revenue, cash flow, customer service, industry image, penalties, power interruption, or shareholder confidence. After a disaster, the application MUST be recovered in eight hours or less.

THE BUSINESS ASSESSMENT MODEL (CONTINUED)

③

Goal: Application to Business Process Alignment

Do the application and business processes continue to be in alignment (i.e., efficient and effective)?



Relevant Questions

- Does the application remain in alignment with business processes?
- Are business processes still relevant and allow the functions to be completed accurately, effectively, and efficiently?
- Are business processes well understood?
- Does the degree of manual effort impede productivity?

Scoring Model

Score*	Criteria Description
0	<i>Does Not Meet:</i> The application fails to meet expectations in performing the required functionality or is no longer required.
1	<i>Immediate Improvement Required:</i> The application performs more than 50% of the required capability/functionality but requires significant enhancements within one year to continue to meet business needs.
2	<i>Future Enhancements Required:</i> Some enhancements are required to address changes in business needs within the next one to two years.
3	<i>Meets:</i> No improvement is required within the next two-year time frame (i.e., budgeting/review cycle).

④

Goal: Data Integrity

Is the quality of information accurate and available when needed?



Relevant Questions

- Is the information produced accurate?
- Can the source of information be validated?
- Is the information produced by the application timely?

Scoring Model

Score*	Criteria Description
0	<i>Does Not Meet:</i> The application fails to meet expectations in performing the required functionality or is no longer required.
1	<i>Immediate Improvement Required:</i> The application performs more than 50% of the required capability/functionality but requires significant enhancements within one year to continue to meet business needs.
2	<i>Future Enhancements Required:</i> Some enhancements are required to address changes in business needs within the next one to two years.
3	<i>Meets:</i> No improvement is required within the next two-year time frame (i.e., budgeting/review cycle).

5

Goal: Availability/Reliability

Is the application available and reliable when needed at acceptable performance levels?

Relevant Questions

- Is the application available when required (i.e., system maintenance, failures, etc.)?
- Is the application reliable (i.e., minimal disruption due to bugs, reboots, and manual workarounds)?
- Is the performance of the application consistent and adequate?

Scoring Model

Score*	Criteria Description
0	<i>Does Not Meet:</i> The application fails to meet expectations in performing the required functionality or is no longer required.
1	<i>Immediate Improvement Required:</i> The application performs more than 50% of the required capability/functionality but requires significant enhancements within one year to continue to meet business needs.
2	<i>Future Enhancements Required:</i> Some enhancements are required to address changes in business needs within the next one to two years.
3	<i>Meets:</i> No improvement is required within the next two-year time frame (i.e., budgeting/review cycle).

Overall Score Assessment


Weights are fixed across all applications.

Criteria	Weight*	Score	Total
Functional Match	9		
Criticality	7		
Application to Business Process Alignment	5		
Data Integrity	8		
Availability/Reliability	10		
Final Total			

THE TECHNOLOGY ASSESSMENT MODEL

① Goal: Maintainability

Have the ability to address typical, average, or routine changes in regulatory mandates, functionality, technology, and upgrades in a timely and cost-effective manner (working within the bounds of current capability).



Relevant Questions


- Can the application be debugged in a timely manner?
- Can changes be made easily to the underlying architecture without affecting the other components?
- Is the application scalable enough to handle significant changes in transaction volume (i.e., concurrent access and/or throughput)?
- Do changes or ongoing operations not require extensive use of resources (people, hours/function point, vendors)?
- Is there evidence of current and reliable documentation?
- Does the application not require specialized technical skills (e.g., CSF, GA, NT, RDBMS)?

Scoring Model

Score	Criteria Description
0	Strongly Disagree
1	Disagree
2	Agree
3	Strongly Agree

② Goal: Flexibility/Extensibility

Have the ability to expand or extend scope of capability.



Relevant Questions

- Is the application flexible/extensible enough to accommodate continual changes in business and/or technology without compromising intra-/inter-application integrity?
- Can changes be made easily to the underlying architecture while conforming to architecture principles (i.e., N-Tier, etc.)?
- Can changes to the application be integrated without adversely affecting the application or requiring extensive effort while conforming to architecture principles (i.e., XML, etc.)?
- Is the application scalable enough to handle significant changes in transaction volume (i.e., concurrent access and/or throughput)?


Scoring Model

Score	Criteria Description
0	Strongly Disagree
1	Disagree
2	Agree
3	Strongly Agree

THE TECHNOLOGY ASSESSMENT MODEL (CONTINUED)

③ Goal: Performance

Compute resource utilization/consumption outside of normal performance maintenance activities (e.g., DB performance tuning, archiving).



Relevant Questions


- Does the risk of high/intense computing resource utilization (e.g., CPU usage $\geq 65\%$) NOT create significant impact on business?
- Does the application NOT require additional performance maintenance (e.g., routinely tweaking the application to run within allocated processing time frames) to sustain system and business processing needs/goals?
- Does the application NOT increase risk of our ability to recover from a system failure?
- Does the application NOT exceed the allotted time to execute defined function(s)?
- Does the application meet end-user performance requirements?
- Is the application structured such that changes can be easily made to the underlying architecture so as not to adversely affect performance?

Scoring Model

Score	Criteria Description
0	Strongly Disagree
1	Disagree
2	Agree
3	Strongly Agree

④ Goal: Standards Conformance/Compliance

Applications are in compliance and conform with the standards as defined by Edison IT.



Relevant Questions

- Do the architecture components of the application meet the standards as defined in the architecture road map?
- Does the application code meet Edison IT development standards?
- Do the components of the COTS software package meet Enterprise and IT standards?
- Does the application utilize common functions/objects?
- Does the functionality performed in a function/object exist in multiple applications?

Scoring Model

Score	Criteria Description
0	Strongly Disagree: Does not meet standards or standards of rejected or stop use
1	Disagree: Majority do not meet standards or (any component that is greater than two versions of the standard defined as current and not a rejected or stop use)
2	Agree: Majority do meet standards and any component that is within two versions of the standard defined as current
3	Strongly Agree: Meets all standards and standards defined as current, special purpose, emerging

THE TECHNOLOGY ASSESSMENT MODEL (CONTINUED)

5

Goal: Availability/Reliability

The application is operational and functions accurately as required.



Relevant Questions

- Does the application meet business operating needs?
- Does the application NOT have a history of causing critical events (i.e., client or maintenance)?
- Is the application auditable?
- Does the application NOT have a history of defects relative to size and complexity of the total application portfolio?

Scoring Model

Score	Criteria Description
0	Strongly Disagree
1	Disagree
2	Agree
3	Strongly Agree

Overall Score Assessment

Criteria	Weight	Score	Total
Maintainability	10		
Flexibility/Extensibility	3		
Performance	8		
Standards Conformance/Compliance	3		
Availability/Reliability	10		
Final Score			