Application Assessment
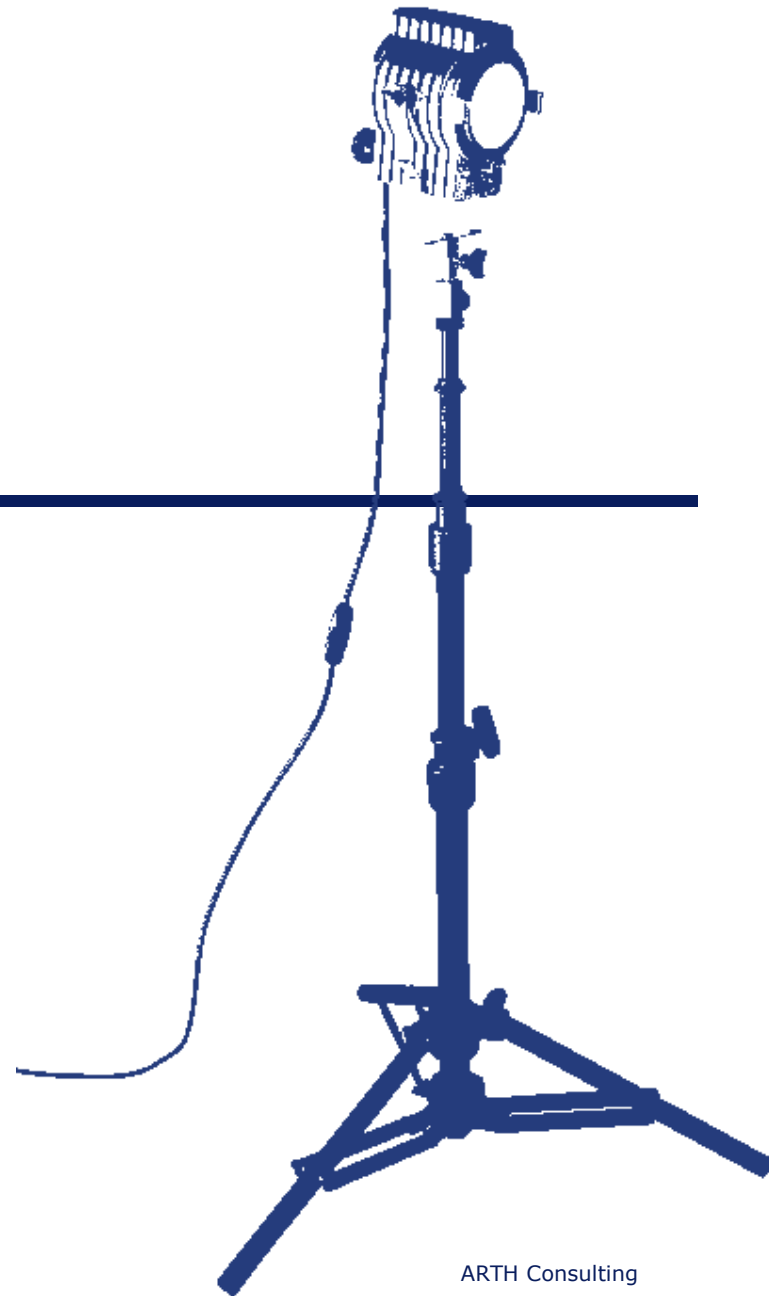
ARTH Consulting
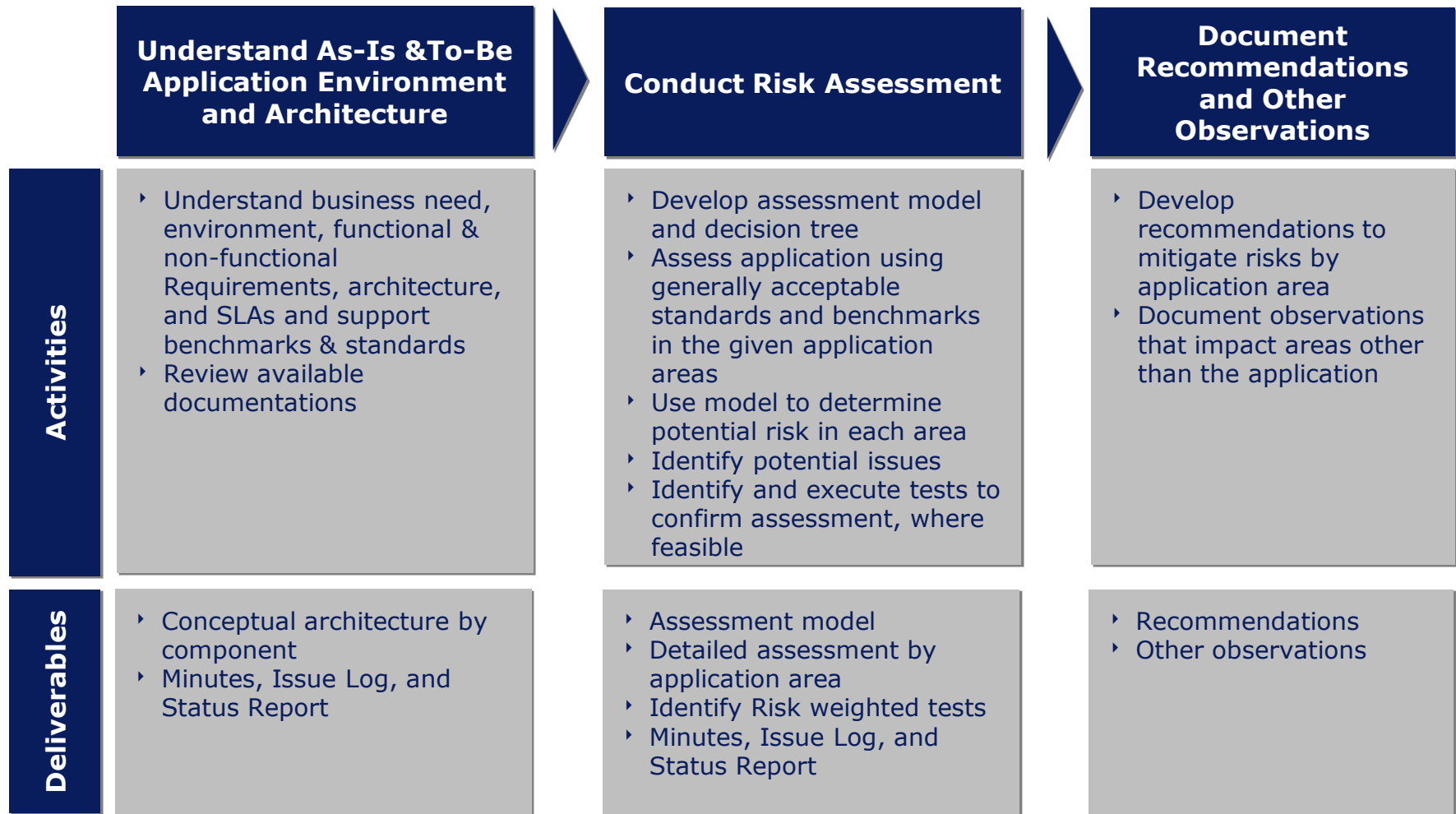
Application Risk Types

Application quality will be assessed with the stated Risk Types.

Technical Risk	**Breakdown:** Performance, Availability, Reliability, Flexibility, System Capacity, Scalability, Interpretability, Robustness, Maintainability, Portability, Safety, Support, Usability, User Documentation, Training, Security, Transition, Data Migration	
Technical Process Risk	**Breakdown:** Configuration Management, Release Management, SDLC Methodology	**Total Application Risk (or Quality)**
Business Process Risk	**Breakdown:** User Registration, Search, Other business processes (will be identified during application assessment)	

Application Quality Assessment Methodology

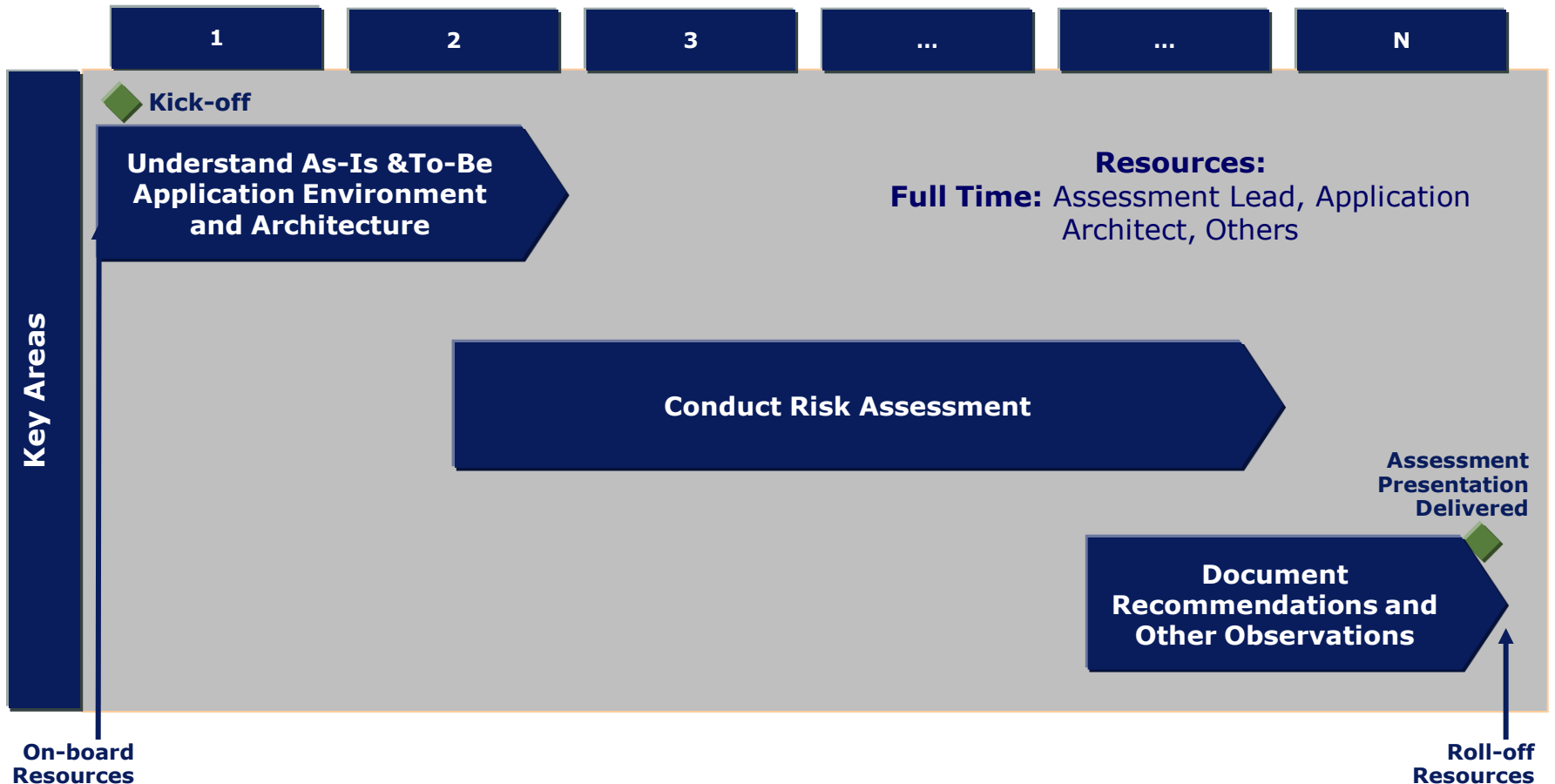|	Understand As-Is &To-Be Application Environment and Architecture	Conduct Risk Assessment	Document Recommendations and Other Observations
Activities	‣ Understand business need, environment, functional & non-functional Requirements, architecture, and SLAs and support benchmarks & standards ‣ Review available documentations	‣ Develop assessment model and decision tree ‣ Assess application using generally acceptable standards and benchmarks in the given application areas ‣ Use model to determine potential risk in each area ‣ Identify potential issues ‣ Identify and execute tests to confirm assessment, where feasible	‣ Develop recommendations to mitigate risks by application area ‣ Document observations that impact areas other than the application
Deliverables	‣ Conceptual architecture by component ‣ Minutes, Issue Log, and Status Report	‣ Assessment model ‣ Detailed assessment by application area ‣ Identify Risk weighted tests ‣ Minutes, Issue Log, and Status Report	‣ Recommendations ‣ Other observations

Timeline and Resources

Outlined activities are expected to complete over the period of X weeks with stated resources.

| 1 | 2 | 3 | ... | ... | N |

Key Areas

◆ **Kick-off**

Understand As-Is & To-Be Application Environment and Architecture

Resources:
Full Time: Assessment Lead, Application Architect, Others

Conduct Risk Assessment

Assessment Presentation Delivered

Document Recommendations and Other Observations

On-board Resources

Roll-off Resources

ARTH Consulting

Critical Success Factors

➢ Executive sponsorship and support

➢ Identification and timely assignment of dedicated resource(s) towards issue resolution

➢ Active participation of technical and functional resources

➢ Common understanding of objectives and definition/ agreement on success criteria