

IT ARCHITECTURE SURVEY NOCODE-AI DELIVERABLES DESCRIPTION

This table provides a summary of the work completed. You will find their description in the remainder of this document.

Tasks	Objective	Duration
Functional Inventory	This step aims to gather the functional information necessary to define the capabilities of the future NoCode-AI system	2 weeks
Technical Inventory	We need to work with you to identify the best operating solution for the NoCode-AI system based on your needs and IT policy	2 weeks
Financial Inventory and Strategy	In this part of the engagement, we need to understand your financial investment capacity and clarify profitability opportunities	2 weeks
Research of the Two Best Architecture Scenarios	Based on the information collected in the previous steps, we develop two technical architecture scenarios for the NoCode-AI solution	4 weeks
Proof Of Concept	A POC is developed to showcase the use of the fundamental elements of the architecture in scenario 1 and then scenario 2	2 weeks
Organizational Impact	We assess the organizational impact of both architecture scenarios on your organization	2 weeks
Roadmap	We define a sequence of projects to be carried out during the first year and the following years to implement the NoCode-AI technical architecture	2 weeks

Functional Inventory

This step aims to gather the functional information necessary to define the capabilities of the future NoCode-AI system. It will help determine the data volumes and the number of automations the future system will need to support.

To successfully conduct this assessment, we plan to meet with each of your department heads: production, sales, marketing, finance, IT, etc. We will help you answer each question based on your existing documentation and our discussions.

Duration : 2 weeks

Element	First year	Within 5 years
Number of tables in the future data model		
For each table, number of records		
Storage volume for structured data (database)		
Storage volume for multimedia data (mass storage)		
Number and frequency of internal automations within a company department		
Number and frequency of cross-departmental automations		
Number and frequency of automations involving external stakeholders (clients, suppliers, etc.)		
Number of data-oriented business applications planned beyond automations		
Number of business applications with intensive business rule processing beyond automations		
Total number of users and simultaneous users during peak periods		

Technical Inventory

We need to work with you to identify the best operating solution for the NoCode-AI system, based on your needs and IT policy. The following table will help us refine the best scenarios.

To clarify certain components, we plan to organize two or three meetings with Cloud Infrastructure providers who will present their solutions so we can assess their relevance in your context.

Duration: 2 weeks.

Element	First year	Within 5 years
System availability level		
Data protection policy		
Data backup policy		
Ability to use a public cloud in multi-tenant mode		
Ability to use a private cloud		
Ability to operate on-premise		

Financial Inventory and Strategy

In this part of the engagement, we need to understand your financial investment capacity and clarify potential profitability opportunities. The table below will help us work together on this area.

Duration: 2 weeks.

Element	First year	Within 5 years
CAPEX / OPEX budget		
Explanation and estimation of productivity gains		
Explanation and estimation of creativity gains		
Opportunity		
Risk		
Strength		
Weakness		

Research of the Two Best Architecture Scenarios

Based on the elements gathered in the previous steps, we are defining two technical architecture scenarios for the NoCode-AI solution. The first scenario is a light approach designed to urgently meet the needs of the first year. The second scenario is the target solution, intended to cover long-term needs over a five-year period. The transition from the first to the second scenario is guaranteed. Depending on your needs, you will be able to decide—at the time you deem most appropriate—whether or not to activate this transition.

The following table lists the main architecture components for which choices are proposed.

Duration: 4 weeks.

Element	First year	Within 5 years
NoCode Database		
Transactional Data		
Reference Data		
Analytical Data		
NoCode Automation		
Business Solution for NoCode – LowCode Application Development		
API Access Backbone for AI Services		
Priority Generative AI Models to Use		
ETL – NoCode Data Integration Backbone		
Mass storage		
Security		
Data Backup		
Knowledge Graph Database		
Data Analysis and Visualization		
Tactical NoCode Tool Stack: email marketing, chatbot, image generation, etc.		

Proof of Concept (PoC)

A POC is developed to showcase the use of the core architectural components in Scenario 1 and then Scenario 2: NoCode database, NoCode automation, and AI API backbone.

Duration: 2 weeks.

Organizational impact

We are analyzing the organizational impact of the two architecture scenarios within your organization, using the elements listed in the table below.

Duration: 2 weeks.

Element	First year	Within 5 years
Required Technical Team		
Business Training Needs		
Changes in Business Roles		
Impacts on External Stakeholders (clients, suppliers, etc.)		

Roadmap

Finally, we define a sequence for the initiatives you need to carry out during the first year and in the following years to implement the technical architecture for Scenario 1, and then, depending on your decisions, transition to Scenario 2. The following table serves as a working basis to build this roadmap with you.

Duration: 2 weeks.

Element	First year	Within 5 years
Database to Set Up		
List of Automations to Implement		
List of technical training programs to be implemented		
List of technical recruitments		
List of business (functional) training programs to be implemented		
List of business (functional) recruitments		
Tasks for implementing the technical architecture (first year: scenario 1; following years: maintain scenario 1 or transition to scenario 2)		

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