



doceo AI

/ 'D O . K E . O : /

we make sense of data

DOCEO comes from Latin, meaning **to inform, enlighten, demonstrate, and make bright**. **DOCEO AI** uses current and historical data within organizations to predict challenges and recommend solutions that strengthen operational performance.

The **DOCEO AI** platform **boosts efficiency and productivity** by combining advanced analytics with AI-driven insights, empowering organizations to make smarter, data-informed decisions.

Augment Accelerate Assist

DOCEO AI Design Philosophy: Building Trust

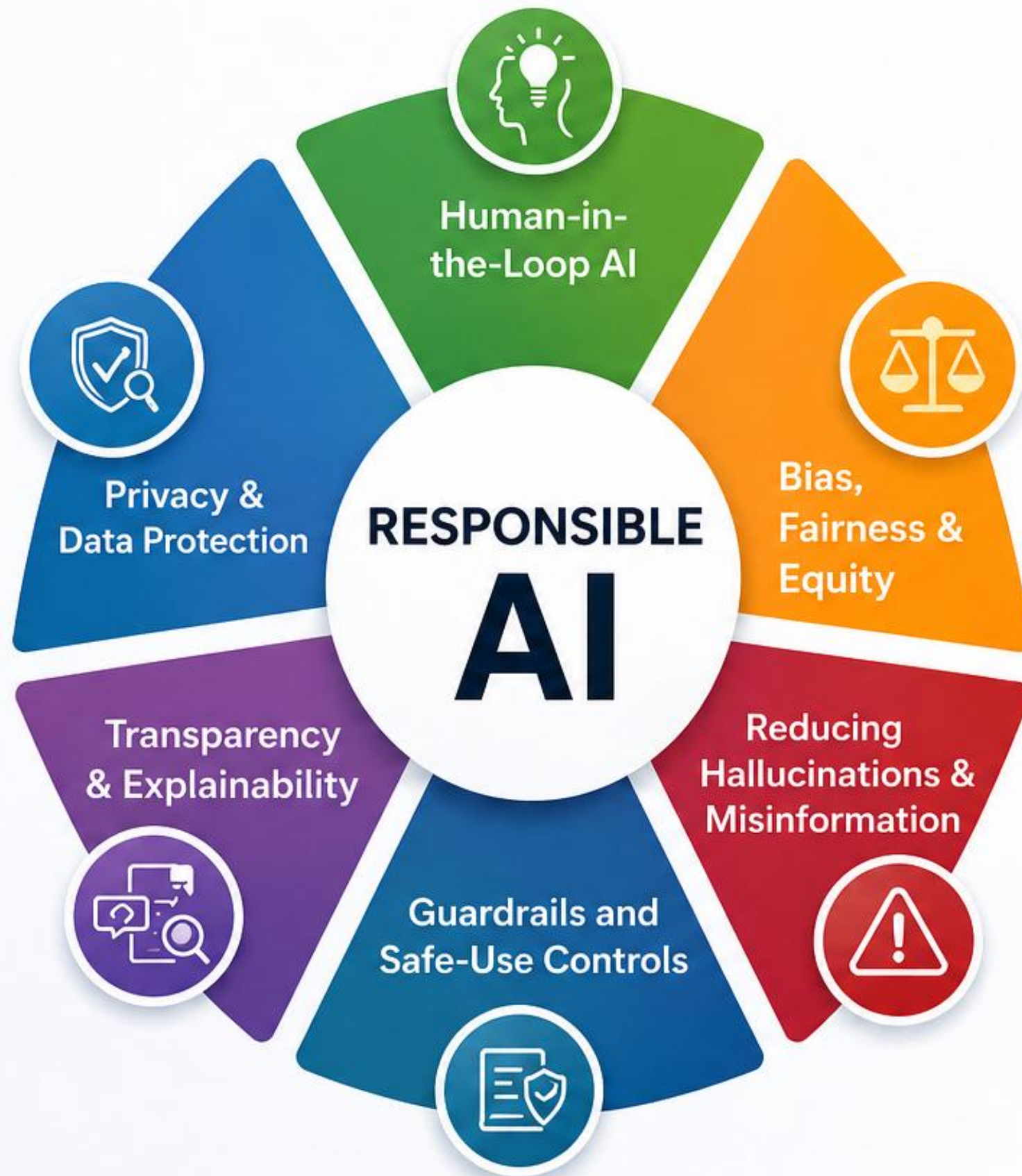
AI has the potential to transform how organizations operate. But without the right **safeguards**, it can introduce risk, bias, and lack of accountability.

Organizations need AI that is:

- **Transparent and explainable**
- **Secure and compliant**
- **Fair and unbiased**
- Guided by **human oversight**

Responsible AI ensures that innovation is balanced with **trust, safety, and control**. That's why DOCEO AI is built on a foundation of responsible AI principles.

Responsible AI at DOCEO AI



These six pillars work together to ensure DOCEO AI is trustworthy, safe, and aligned with the needs of the organizations we serve.

At **DOCEO AI**, we embed Responsible AI through **six pillars** that guide how we design, build, and deliver our products.



- **Human-in-the-Loop AI**

AI supports human decision-makers, who validate, refine, and make the final decisions.



- **Bias, Fairness & Equity**

We proactively identify and reduce bias to ensure fair and equitable outcomes for all.



- **Transparency & Explainability**

We provide clear reasoning and source citations so users can understand and trust our outputs.



- **Reducing Hallucinations & Misinformation**

We ground answers in trusted documents and say “I don’t know” when information is insufficient.



- **Privacy & Data Protection**

We protect sensitive data with role-based access, governance controls, and compliance with privacy laws.



- **Guardrails & Safe-Use Controls**

We use guardrails, safety filters, and admin controls to ensure safe, appropriate, and accountable use.

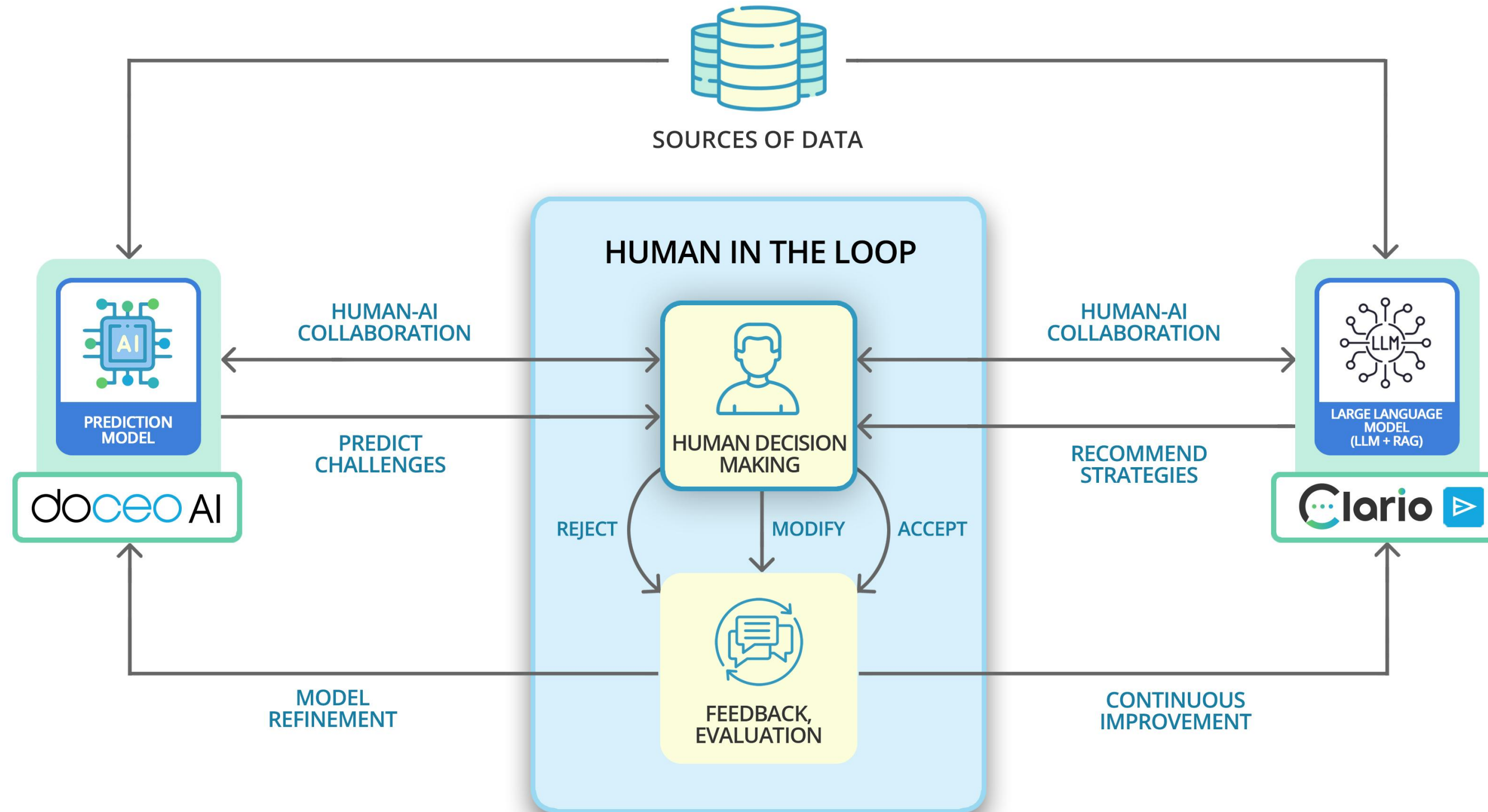
DOCEO AI System Design

DOCEO AI brings together information from across the organization ecosystem and transforms it into meaningful insight.

Using **advanced predictive models** and **CLARIO's** natural language interface powered by **LLM with RAG**, stakeholders can access reliable answers, identify emerging challenges, receive **recommendations** that support staff and streamline organizational operations.

Human in the Loop keeps users as the **decision makers**. The AI provides predictions and recommends strategies, while humans guide the final decisions, validate insights, and offer feedback. This **continuous improvement loop** ensures the system remains transparent, trustworthy, and adaptive.

SYSTEM DESIGN



DOCEO AI Software

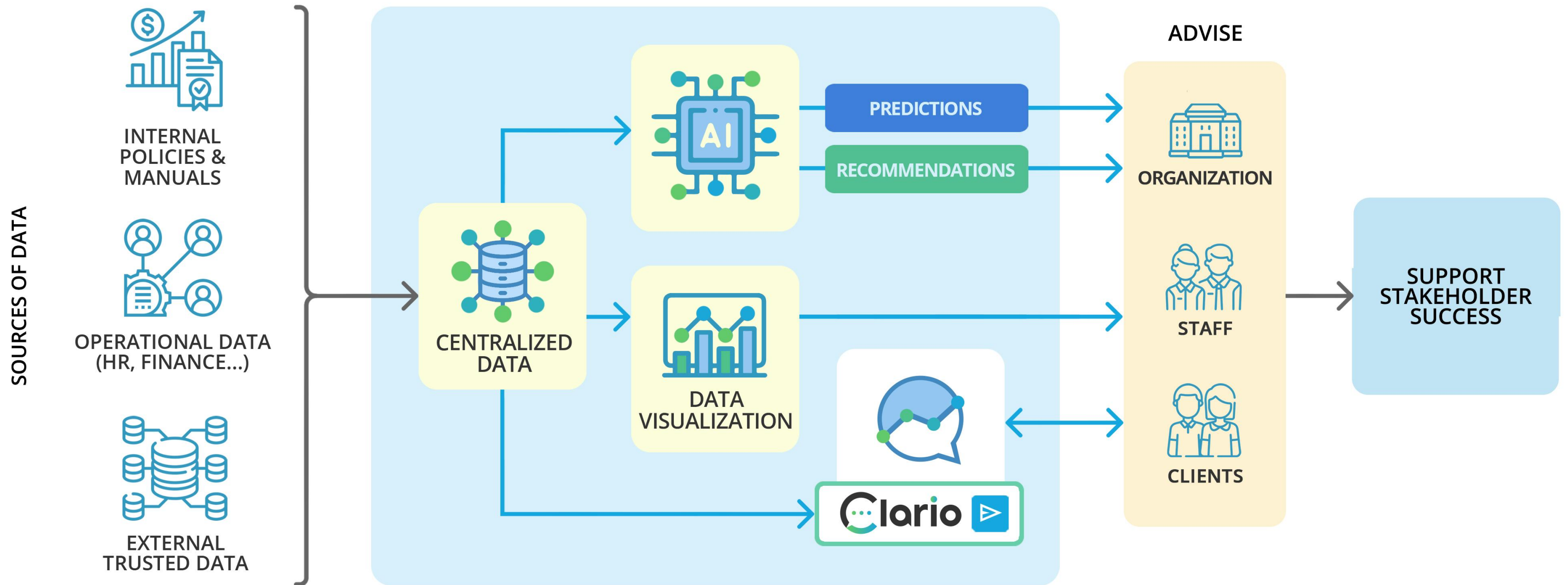
Our platform brings any organization's data together into a **centralized, intelligent** system that transforms information into **clear, actionable insights**.

By combining data **visualization** with **explainable AI** and **machine learning**, the platform:

- Presents complex data in clear, intuitive **visual** formats,
- Identifies **patterns and trends** across current and historical data,
- **Detects** emerging **challenges and areas of success**,
- **Recommends** informed, **proactive** strategies.

The result is a smarter, more responsive organization that can quickly understand, decide, and act.

doceo AI APP



DOCEO AI Software

This platform is designed to support organizations wherever data-driven decisions are critical. By **embedding intelligence** directly into everyday workflows, DOCEO AI ensures insights are available exactly when and where they are needed.

It is valuable:

- When identifying **emerging risks or inefficiencies**
- When **planning** using **predictions** on **historical trends**
- When **responding quickly** to operational challenges
- When improving **consistency and quality of decision-making**

From Data to **Actionable** Insights



Operational planning and performance monitoring

Identifying service bottlenecks and delays across teams to improve throughput and efficiency



Financial oversight and resource allocation

Detecting cost overruns or spending patterns to optimize budget allocation



HR and workforce management

Predicting workforce attrition and identifying early indicators of employee disengagement



Client service and support improvement

Flagging clients at risk of dissatisfaction based on interaction patterns and service history

DOCEO AI Target Market Segments

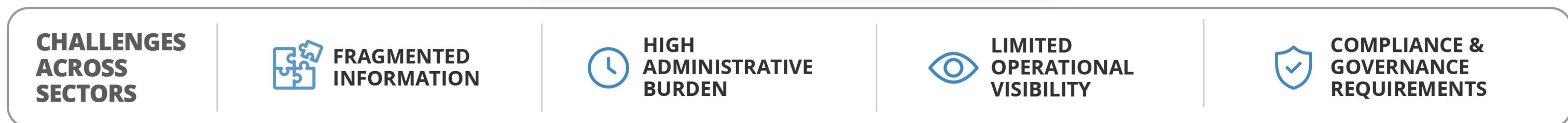
As an **industry-agnostic platform**, DOCEO AI can support many sectors, including **healthcare, dual-use defence, non-profit social services, legal and professional services**, and other **data-intensive organizations**.

While each sector has its own operational context, the underlying need is the same: **faster access to trusted knowledge, stronger visibility, and more data informed proactive decision-making**.

Across these sectors, DOCEO AI helps organizations:

- Access trusted information faster
- Reduce administrative burden across daily workflows
- Improve visibility across teams, programs, and operations
- Identify trends, risks, and opportunities earlier
- Maintain governance, security, and human oversight

EXAMPLE TARGET MARKET SEGMENTS



TRANSFORMING FRAGMENTED INFORMATION INTO TRUSTED KNOWLEDGE

What Makes DOCEO AI Different?

Prediction Module

CLIENT VALUE

- Early Risk Detection
- Explainable Predictions
- Human-in-the-Loop
- Data to Actionable Insight



Proactive Insight

Moves beyond retrospective reporting to detect risks, pressures, and opportunities earlier.



Complex Data Ready

Built for fragmented, noisy, irregular, incomplete, and multi-source organizational data.



Time-Aware Intelligence

Analyzes longitudinal patterns and changing signals over time, not only static snapshots.



Explainable + Human Oversight

Surfaces contributing factors and keeps users in control of review, validation and action.



Continuous Improvement

Utilizes user feedback and real-world outcomes to refine model predictions.

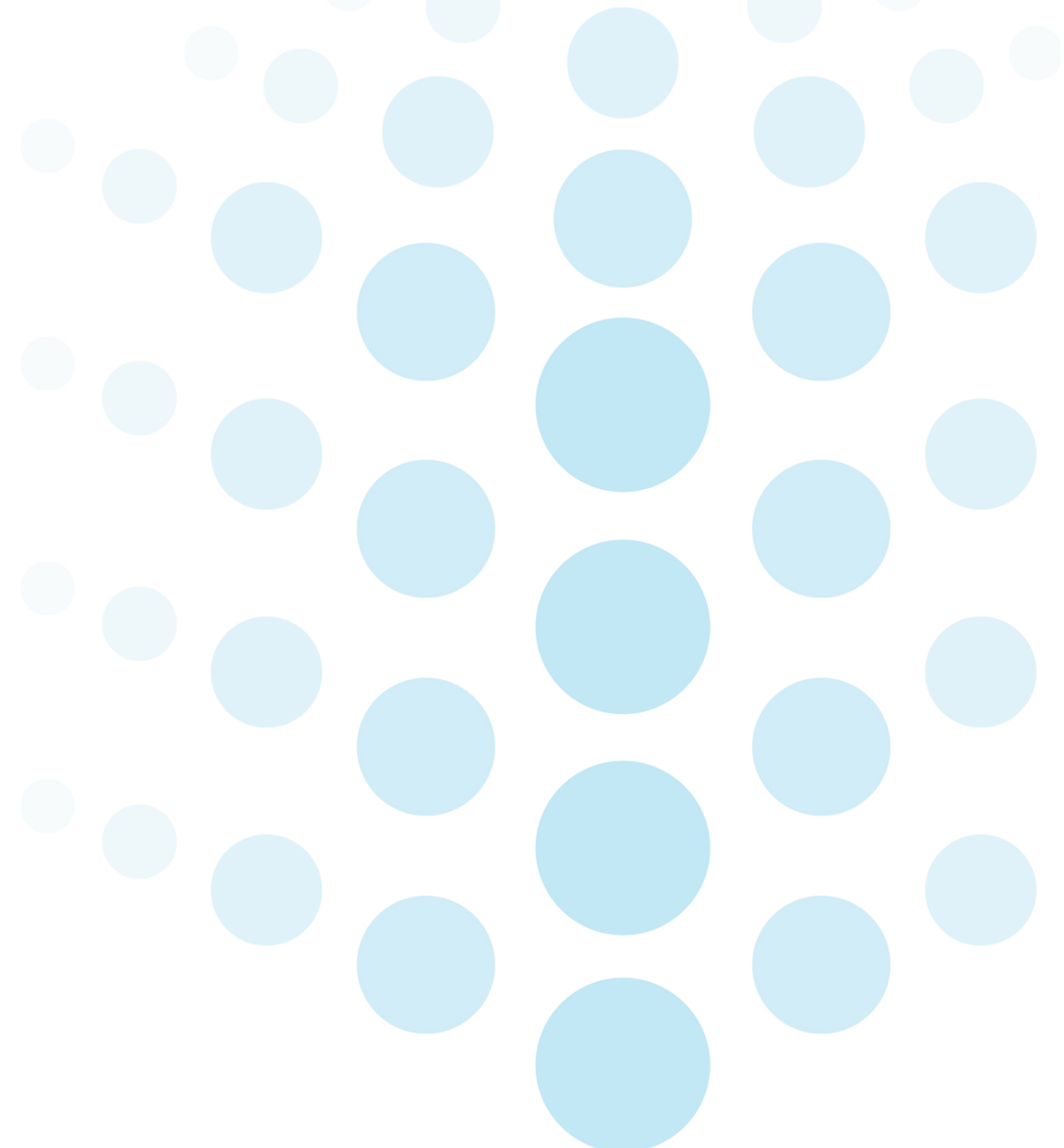


Workflow Integration

Delivers insights through dashboards, alerts, and workflow-support tools for daily operations.



INTELLIGENT KNOWLEDGE HUB



Clario Chat Application

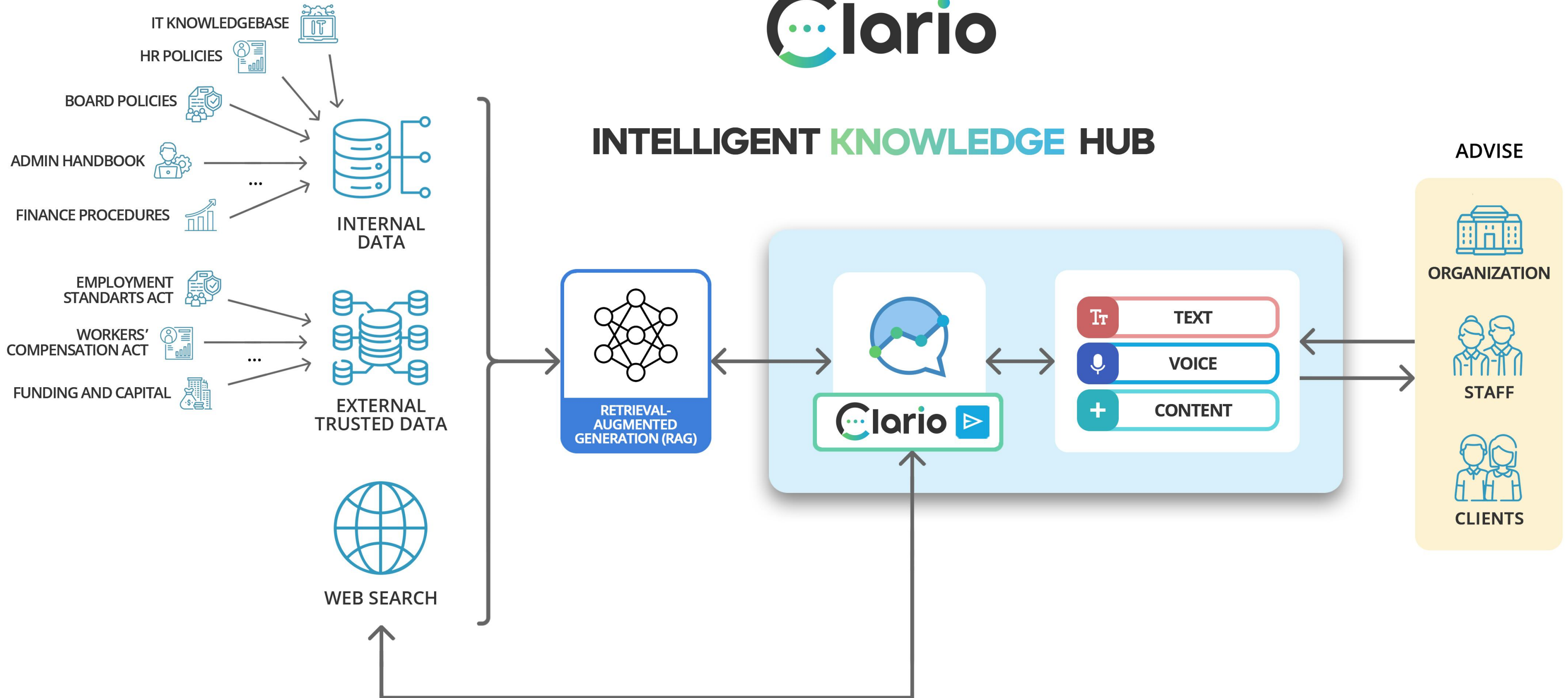
Feeling lost in a sea of information? Between HR policies, organization documents, and admin handbooks, it's easy to get overwhelmed.

That's why **DOCEO AI** created **CLARIO**, a secure, role-aware, AI-powered chat application that helps organizations instantly access trusted internal and external documents and policies through simple, natural conversations combined with intelligent, real-time web search capabilities.

CLARIO makes finding the right information fast, safe, and effortless. That's how CLARIO redefines how organizations connect with information.



INTELLIGENT KNOWLEDGE HUB



Clario Chat Application Solution

We are developing a **chat-based application** designed to **streamline** access to **critical documentation and resources**, that can be used across any industry through a secure, AI-powered chat.

Reducing administrative burden and improving access to critical information

Multi-Modal Interaction

Interactions through text or voice dictation for seamless document access

Comprehensive Knowledge Base

Access to policies, procedures and external trusted sources

Web Search Capability

Access relevant information from external web sites through search

Role-Based Access Control

Users only view content authorized for their specific roles and access levels

What Makes **CLARIO** Different?



CLIENT VALUE

- Trusted Answers
- Verifiable Sources
- Safer AI Adoption
- Role-Based Access



Built for Trusted Knowledge, Not Open-Ended Generation

Answers from approved organizational documents, policies, procedures, and trusted sources.



Verifiable Answers with Citations

Provides source-backed responses with traceable references, including page numbers where available.



Role-Aware Access

Aligns retrieval and responses with user roles, permissions, and responsibilities.



Governance-First Design

Supports safer deployment through access control, transparency, auditability, and human oversight.



Feedback-Driven improvement

Allows users to accept, reject, or modify responses to improve accuracy and relevance over time.

YOUR DATA, YOUR CONTROL

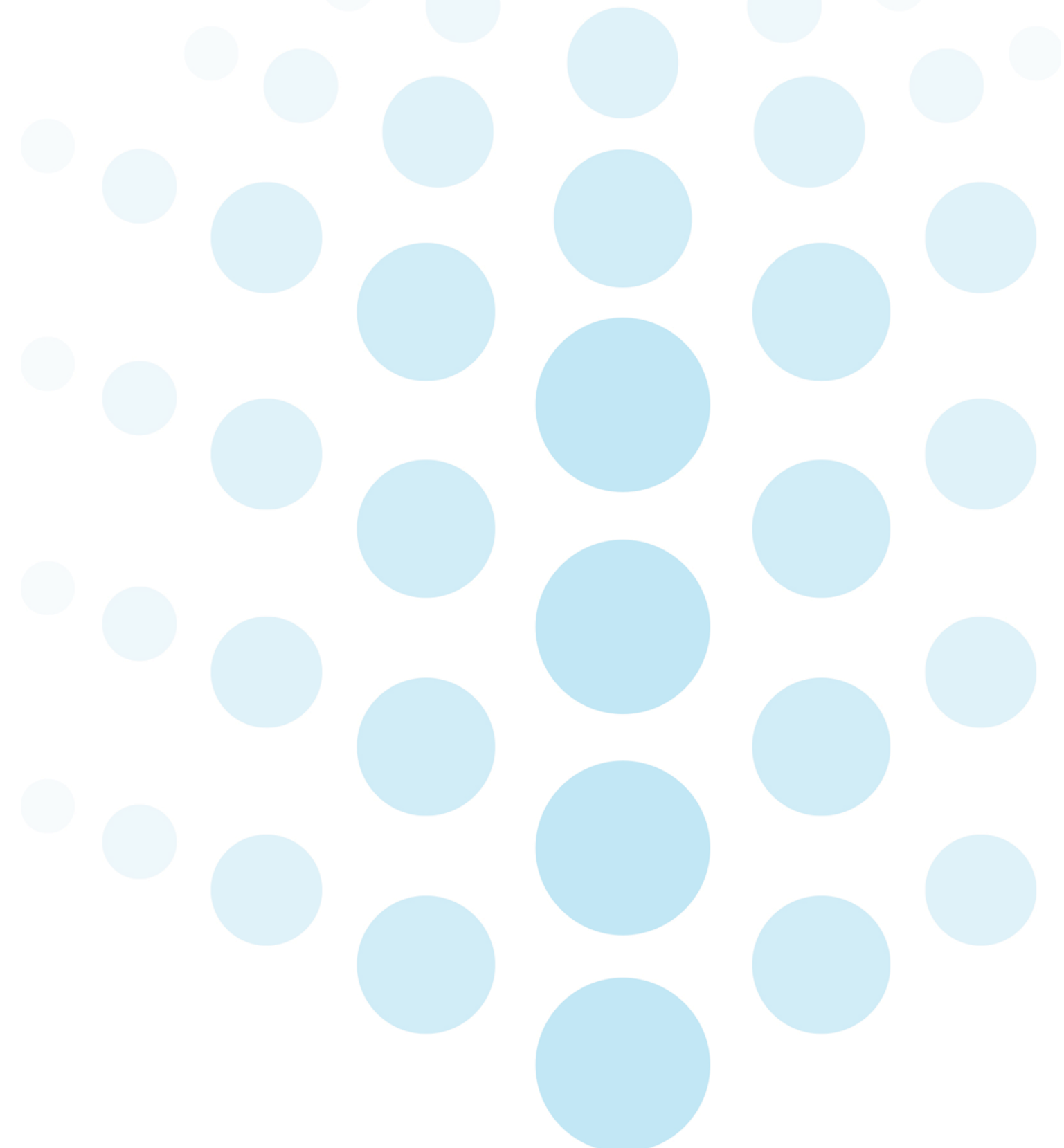
- Policy Manuals
- Procedure Manuals
- HR Guides and Procedures
- Emergency Procedures
- Employment Standards Act
- Human Rights Act
- Health Policies and Procedures
- Worker's Compensation Board Policies and Information Manual

We ensure that **only trusted** and validated information is used, and all sources are **under your control.**



INTELLIGENT KNOWLEDGE HUB

USE CASES AND SCREENS



+ New Chat

New Audio Chat

Search

New Project

Support

Overtime Calculation AI

Knowledge Gained

Board's Policy Role

Work

History

HR Question

Workers' Compensation Board

Alberta Weather Today

Based on the Employment Standards Code, explain how overtime is calculated in Alberta.

In Alberta, the calculation of overtime is governed by the Employment Standards Code. The key provisions for determining overtime are as follows:

Overtime Hours

- Overtime hours are defined as:
 - Hours worked in excess of **8 hours per day**, or
 - Hours worked in excess of **44 hours per week**, whichever is greater [\[1\]](#).

Let's chat...



New Chat

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Alberta Weather Today

Overtime Pay Rate

- Overtime pay must be at least **1.5 times the employee's regular wage rate** for the overtime hours worked, unless an overtime agreement is in place [\[1\]](#).

Overtime Agreements

- Employers and employees can enter into written overtime agreements, which allow employees to take time off with pay instead of receiving overtime pay. The time off must be provided at a rate of **1.5 hours off for every overtime hour worked** and must be taken within 3 months of the end of the pay period in which it was earned, unless otherwise specified in a collective agreement or authorized by the Director [\[1\]](#).

These rules ensure that employees are fairly compensated for hours worked beyond the standard thresholds.

References:

[\[1\]](#) EMPLOYMENT STANDARDS CODE



Let's chat...



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Board's Policy Role

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Sick leave

HR Question

Workers' Compensation Board

Are we allowed to reduce sick leave banks because of WCB payments?



No, employers are not allowed to reduce sick leave banks or other usual benefits due to Workers' Compensation Board (WCB) payments. According to Section 25(4) of the Workers' Compensation Act (RSA 2000, Chapter W-15), "No employer shall deduct sick pay entitlement or otherwise reduce the usual benefits to which the worker is entitled by reason of the employer having to make a payment under subsection (1)(a) or (2)(a)" [\[1\]](#).

References:

[\[1\] W15.pdf](#)



Let's chat...



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Search

New Project

Tips

Cognitive Screening Tip

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Breast cancer staging

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Can you give me tips for Cognitive Screening (cog-log)?



Here are tips for administering the Cognitive Log (Cog-Log) for cognitive screening:

General Tips for Cognitive Screening

- **Setting the Stage:**
 - Weigh the benefits of performing a standardized screen against the potential burden to the client.
 - Be clear on the purpose of the screen and discuss or clarify with the referral source as needed.
 - Ensure the client is medically stable and emotionally prepared. Inform the client in advance about the screening schedule if beneficial.
 - Obtain informed consent by explaining the purpose, process, and potential risks/benefits of the screen.
- **Client Status & Acceptance Issues:**
 - Gather relevant information from the client, caregiver, and team members to determine the best approach.

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if beneficial.

- Obtain informed consent by explaining the purpose, process, and potential risks/benefits of the screen.

- **Client Status & Acceptance Issues:**

- Gather relevant information from the client, caregiver, and team members to determine the best approach.
- Select the most appropriate tool based on the client's age, diagnoses, identity, language, culture, education level, and communication abilities.
- Recognize that standardized tools may be biased and may not apply to all individuals. If inappropriate, consider alternative methods or referrals.
- Proceed with caution if the client is depressed, anxious, or has difficulty attending. Consider rescheduling if necessary.

- **Examiner Considerations:**

- Have all materials ready before starting (e.g., printed record form, pen, administration instructions, timer).
- Familiarize yourself with administration guides and avoid unintentional verbal or non-verbal cues.
- Ensure you meet professional competency requirements for cognitive screening.

- **Environmental Considerations:**

- Use a quiet, well-lit, and private space to minimize distractions.
- Test the client alone when possible. If a family member is present, ensure they do not cue or participate.

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- **Specific Test Items:**

- **Repeat Address:** Present the address at a rate of one chunk per second and have the patient repeat it three times. Do not correct errors.
- **Counting Backwards:** Instruct the patient to count backward from 20 to 1 without skipping numbers. Correct errors as they occur.
- **Months Reversed:** Ask the patient to recite months in reverse order (e.g., December, November). Correct errors and prompt them to continue if they stop.
- **30-Second Test:** Have the patient estimate 30 seconds without using a clock. Avoid giving body language cues.
- **Fist-Edge-Palm:** Demonstrate the sequence twice and ensure the patient can see your movements. Perform each motion at a rate of one per second.
- **Go/No-Go:** Follow standardized instructions and avoid unintentional cues.

By following these tips and adhering to standardized instructions, you can ensure reliable and valid cognitive screening using the Cog-Log. [\[1\]](#), [\[2\]](#), [\[3\]](#)

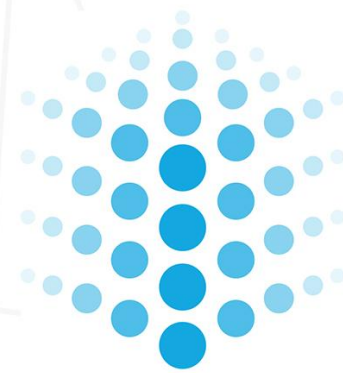
References:

- [\[1\]](#) Cognitive Screening Tips CogLog
- [\[2\]](#) Guide to Cognitive Screening
- [\[3\]](#) General Tips for Cognitive Screening



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SOLUTIONS



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