

ORN Intelligence Framework – Setup & Configuration Guide

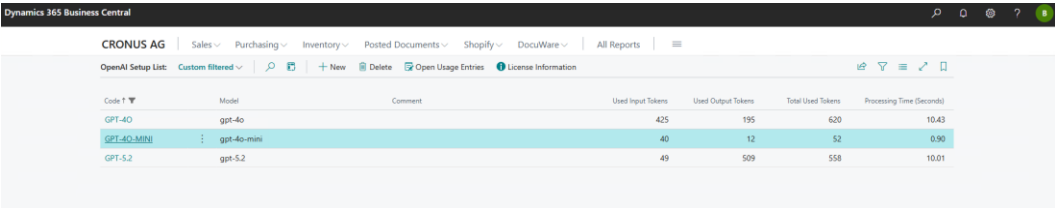
This handbook explains how to configure and use the ORN Intelligence Framework (ORN IF) in Microsoft Dynamics 365 Business Central. It focuses on the setup tables, configuration pages, and practical examples.

1. Purpose of the Framework

ORN IF is a technical framework that enables Business Central extensions to use AI functionality such as prompt execution, file analysis, and structured JSON responses. It does not apply business logic itself.

2. OpenAI Setup List

The OpenAI Setup List page displays all AI setups. Each setup defines one complete AI configuration that can be referenced by consuming modules.



Code	Model	Comment	Used Input Tokens	Used Output Tokens	Total Used Tokens	Processing Time (Seconds)
GPT-4O	gpt-4o		425	195	620	10.43
GPT-4O-MINI	gpt-4o-mini		40	12	52	0.90
GPT-5.2	gpt-5.2		49	509	558	10.01

Important fields:

- Code – Unique identifier of the setup
- Model – AI model used for execution
- Comment – Optional description

3. OpenAI Setup Card

The OpenAI Setup Card is used to maintain all parameters required for AI execution.

OpenAI Setup | Work Date: 9/29/2027

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GPT-4O

Test Prompt
Open Testfiles
Open Usage Entries
Copy Setup

Code	GPT-4O	System Prompt	You are an AI assistant specializ	...
API Endpoint	https://api.openai.com/v1	Reasoning Effort	Low	▼
Model	gpt-4o	Text Verbosity	Low	▼
Max Tokens	512	TimeOut (seconds)	60	
Retry Max Tokens	1024	Retry Attempts	0	
Temperature	0.10	Retry Cooldown (Seconds)	10	
API Key	*****	AI Entry Group Method	Daily	▼

Test Data

Test Setup		Usage Statistics	
User Prompt	Analyze the provided files and r	Used Input Tokens	425
Test Tracking Source Code	1A	Used Output Tokens	195
Use Testfiles	<input checked="" type="checkbox"/>	Total Used Tokens	620
Count of Testfiles	2	Processing Time (Seconds)	10.43
Count of Enabled Testfiles	1	Number of Attempts	1
Comment		Used Verbosity	medium
Comment 2		Used temperature	0.10

Internal Retries & Delays

File Upload – Init Retry Attempts		File Upload – Complete Retry Attempts	
Init Retry Attempts	3	Complete Retry Attempts	3
Init Pending Retry Delay (...)	500	Complete Pending Retry D...	500
Number of Attempts (Init)	1	Number of Attempts (Com...	1
Last Error Text (Init)		Last Error Text (Complete)	
File Upload – Parts Retry Attempts		Main Request Retry Attempts	
Parts Retry Attempts	3	Main Request Retry Attem...	3
Parts Pending Retry Delay (...)	500	Main Request Pending Ret...	500

Configuration fields explained:

- API Endpoint – Base URL of the AI service
- Model – Selected AI model (e.g. gpt-4o-mini)
- Max Tokens – Maximum response size
- Temperature – Controls randomness (lower = deterministic)
- Timeout / Retry – Error handling behavior

Example Configuration

For document extraction scenarios, use a low temperature (0.1) and a strict system prompt that enforces JSON-only output.

4. Test Prompt and Test Files

Test Prompt allows validating the setup before productive usage. Test files simulate real input documents.

The screenshot shows the 'OpenAI Setup' interface for 'GPT-4o'. The top bar includes a back arrow, 'OpenAI Setup | Work Date: 9/29/2027', and icons for edit, share, add, and delete. Below the title, there are tabs for 'Test Prompt', 'Open Testfiles', 'Open Usage Entries', and 'Copy Setup'. The main configuration area is divided into two columns. The left column contains fields for 'Code' (GPT-4o), 'API Endpoint' (https://api.openai.com/v1), 'Model' (gpt-4o), 'Max Tokens' (512), 'Retry Max Tokens' (1024), 'Temperature' (0.5), and 'API Key' (masked). The right column contains fields for 'System Prompt' (You are an AI assistant specialize), 'Reasoning Effort' (Low), 'Text Verbosity' (Low), 'TimeOut (seconds)' (60), 'Retry Attempts' (0), and 'Max Tokens' (10). Below this is a 'Test Data' section with 'Test Setup' and 'Test Tracking Source Code' (1A). A modal window is open in the center, displaying a JSON test prompt. The modal has an information icon and an 'OK' button. The JSON content is as follows:

```
```json
{
 "summary": "This document is a purchase order from Wide World Importers to CRONUS DE, dated October 2, 2024.",
 "key_points": {
 "purchase_order_number": "106070",
 "date": "October 2, 2024",
 "buyer": "Wide World Importers",
 "seller": "CRONUS DE",
 "delivery_address": "Hofstra\u00dfe 12, 20097 Hamburg",
 "item": {
 "description": "ATHENS Schreibtisch",
 "quantity": 1,
 "unit_price": 0.45,
 "vat_percentage": 19,
 "line_total": 10.43
 },
 "total_excluding_vat": 0.45,
 "vat_amount": 0.09,
 "total_including_vat": 0.54
 }
}
```

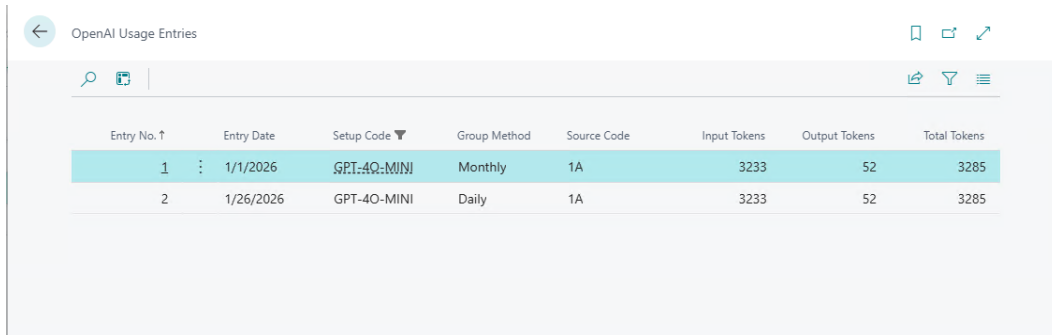
Below the modal is an 'Internal Retries & Delays' section with two columns of settings. The left column is 'File Upload - Init Retry Attempts' and the right column is 'File Upload - Complete Retry Attempts'. Both columns have fields for 'Init Retry Attempts' (3), 'Init Pending Retry Delay (ms)' (500), 'Number of Attempts (Init)' (1), and 'Last Error Text (Init)'. The right column also has fields for 'Complete Retry Attempts' (3), 'Complete Pending Retry Delay (ms)' (500), 'Number of Attempts (Complete)' (1), and 'Last Error Text (Complete)'. Below this is a 'Main Request Retry Attempts' section with fields for 'Main Request Retry Attempts' (3) and 'Main Request Pending Retry Delay (ms)' (500).

Steps:

1. Enter a User Prompt
2. Attach one or more test files
3. Execute Test Prompt
4. Review the returned JSON structure

## 5. Usage Entries

Usage Entries provide transparency about token consumption and execution time.



OpenAI Usage Entries

Entry No. ↑	Entry Date	Setup Code ▼	Group Method	Source Code	Input Tokens	Output Tokens	Total Tokens
1	1/1/2026	GPT-4O-MINI	Monthly	1A	3233	52	3285
2	1/26/2026	GPT-4O-MINI	Daily	1A	3233	52	3285

Tracked values include input tokens, output tokens, total tokens, and processing time.

## 6. Recommendations

- Maintain separate setups for testing and production
- Monitor token usage regularly
- Keep prompts concise and structured
- Validate JSON responses during testing

## 7. Conclusion

This handbook enables administrators and developers to configure the ORN Intelligence Framework in a controlled and reproducible way.