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INFOR LN API DEVELOPER HANDBOOK

Volume 1 — API Fundamentals

T E C H N I C A L H A N D B O O K S E R I E S

Complete guide to Infor LN integration, development, security and best practices. Volume 1 covers REST vs SOAP, OData, HTTP methods, JSON and XML, the API lifecycle and API management.

P R E P A R E D B Y

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www.fullonbaan.com • fullonbaan@gmail.com

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The configuration described in this guide concerns API fundamentals for Infor LN integration developers — REST, SOAP, OData, HTTP methods, JSON/XML, the API lifecycle and API management. Readers are solely responsible for testing any change in a non-production tenant first and for following their organisation's change-management and approval processes. In no event shall FullOnBaan, the author, or any contributor be liable for any direct, indirect, incidental, consequential or special damages arising from the use of, or the inability to use, the information contained in this guide.

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FullOnBaan — Infor ERP Consulting and Training

Website: www.fullonbaan.com
Email: fullonbaan@gmail.com
Phone: +91 63605 93122
LinkedIn: linkedin.com/company/fullonbaan
YouTube: youtube.com/@FullOnBaan

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About This Handbook Series

The Infor LN API Developer Handbook is a multi-volume technical series for practitioners who design, build, secure and operate integrations with Infor LN. Each volume is a self-contained ebook covering one chapter of the complete handbook, so you can study a topic in isolation or work through the series end to end.

This is Volume 1 — API Fundamentals. It establishes the conceptual foundation that every later volume builds on: what an API is, how REST and SOAP differ, what OData adds on top of REST, how HTTP methods and payload formats work, and how APIs are managed across their lifecycle. The examples are framed in the Infor LN / Infor OS / ION API context throughout, so even the fundamentals are immediately relevant to LN integration work.

Who should read this volume

- Infor LN technical consultants and ERP technical teams moving into API-based integration.
- Integration and middleware developers connecting external systems to Infor LN.
- Solution architects designing the integration landscape around Infor OS and ION API.
- API developers and enterprise integration specialists new to the Infor ecosystem.

Series roadmap

Part	Volumes	Focus
1. Introduction	1-2	API fundamentals; the Infor LN integration landscape
2. API Foundation	3-4	LN API categories; discovery and documentation
3. Authentication & Security	5-6	OAuth 2.0; ION API Gateway security
4. Working with REST APIs	7-9	REST in LN; OData APIs; consuming APIs in code
5. Business Integrations	10-13	Sales orders, purchase orders, customers, inventory
6. Advanced Development	14-16	Events, integration patterns, orchestration
7. Performance & Scalability	17-18	Tuning; high availability
8. Troubleshooting	19-21	Errors, authentication issues, debugging

Part	Volumes	Focus
9. Standards	22-23	Best practices; coding standards
10. Case Studies	24-27	MES, banking, e-commerce and CRM integrations

How to use this volume

Read sections 1.1-1.5 in order if you are new to APIs; they build on each other. Experienced developers can skim to 1.3 (OData) and 1.6-1.7 (lifecycle and management), which are the most Infor-specific. Every code sample is production-style and can be adapted directly to your ION API tenant.

PREVIEW