ADVANCED MODULE CONTRACT

Last Updated: [Insert Date]

This document outlines the terms, expectations, and conditions for the development of Advanced Modules for the Fox ML Infrastructure (Fox-v1-infra) system, including (but not limited to) NLP integrations, alt-data pipelines, custom model extensions, enterprise-grade execution logic, or any high-complexity subsystem requested by a client.

These terms apply only to advanced, specialized, or bespoke development work and do not apply to the core Fox ML Infrastructure system.

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1. Scope of Advanced Modules

Advanced Modules include any feature, subsystem, or integration requiring: • significant R&D effort • specialized domain knowledge • extended pipeline integration • large-scale data engineering • multi-model orchestration • cross-module architecture changes • custom infrastructure logic • vendor-specific adapters • complex edge-case handling

Examples include: • Natural Language Processing (NLP) feature pipelines • Embedding-generation subsystems • News/sentiment feed integrations • Alt-data ingestion and alignment • High-performance model training subsystems • Custom execution routing logic • Distributed training workflows • Specialized research automation flows

The above list is not exhaustive.

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2. Minimum Hour Commitment

Due to the complexity and long-term nature of Advanced Modules, a minimum commitment of 1,000 billable hours is required for all advanced engagements.

This minimum commitment ensures: • consistent availability • ability to deliver a complete subsystem • enough time to handle real-world constraints • avoidance of partial or incomplete solutions

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3. Pricing

The standard consulting rate for Advanced Modules begins at:

$1,200 USD per hour

This base rate reflects: • highly specialized domain work • multi-stage integration • high reliability requirements • research, design, testing, and validation time • real-world constraints and vendor differences • the complexity of quant/HFT-grade systems

The hourly rate is subject to change based on: • scope increases • accelerated timelines • additional data vendors • expanded deliverables • custom environments • proprietary client constraints

Any rate change will be communicated before additional work proceeds.

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4. Deposit Requirement

A non-refundable deposit equal to 40% of the minimum hours is required before any design, planning, or implementation begins.

Calculation: • Minimum hours: 1,000 • Deposit: 400 hours x hourly rate

The deposit guarantees: • project priority • initial architecture planning • environment setup • client onboarding • early-stage development

Work does not begin until the deposit is received.

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5. Overages and Additional Hours

Due to the inherent uncertainty in specialized R&D and real-world data engineering, actual billable hours may:

exceed initial estimates.

Causes include: • unexpected data anomalies • vendor inconsistencies • regulatory changes • client-side delays • new asset classes • API instability • production environment differences • emergent complexity discovered during development

If projected hours will exceed the minimum commitment, the client will be informed and must approve additional work before continuation.

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6. Scope Modification

Any change in scope — including new features, expanded data sources, additional modules, or revised requirements — will trigger a Scope Modification Event.

A Scope Modification Event may result in: • revised hourly estimates • rate adjustments • new timelines • additional testing requirements • updated deliverable definitions

Work will pause until revised terms are approved.

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7. Deliverables

Deliverables for Advanced Modules may include: • source code • module documentation • architecture diagrams • configuration templates • integration instructions • validation notebooks • testing harnesses • deployment notes

Delivery format will be agreed upon before development begins.

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8. Intellectual Property

Unless explicitly negotiated otherwise: • Fox ML Infrastructure (Fox-v1-infra) core remains © the creator. • Advanced Modules developed under contract remain © the creator until final payment is received. • Upon final payment, the client receives a non-exclusive license to use the completed module internally. • Redistribution, resale, or external deployment requires a separate licensing agreement.

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9. Termination

The client may terminate the engagement at any time.

However: • The deposit is non-refundable • Hours worked beyond the deposit must be paid in full • Partially completed deliverables will be provided upon settlement of outstanding invoices

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10. Communication and Reporting

During development, the client will receive: • progress summaries • milestone updates • test results • integration notes • risk assessments

Communication cadence will be defined at the start of the engagement.

End of Contract