

Eleutherios Healthcare Coordination Demo

See how people can expand coordination capabilities through conversation - transforming a simple doctor-patient chat into a complete healthcare workflow with pharmacist coordination and integrated payments.

PFSD Protocol: Policy defines coordination rules → Forum provides the space → Services activate capabilities → Data ensures transparency

1 Basic Doctor-Patient Forum

Initial medical consultation forum with doctor and patient, showing basic chat and file upload capabilities. Demonstrates Policy → Forum instantiation.

Screenshot Preview

[View Interactive Demo →](#)

2 Doctor Typing Pharmacy Rule

Doctor types EleuScript rule to add pharmacy services. Shows purple syntax highlighting and real-time rule detection.

Screenshot Preview

[View Interactive Demo →](#)

3 Forum Expanded with Pharmacist

Pharmacist automatically added, new services activated, policy hierarchy updated. Demonstrates Forum → Service expansion.

Screenshot Preview

[View Interactive Demo →](#)

4 Payment Service Activated

Stripe payment processing enabled for consultation fees with multi-party splits. Shows Service integration capabilities.

Screenshot Preview

[View Interactive Demo →](#)

5 Complete Audit Trail

Full governance transparency showing policy evolution timeline. Demonstrates Data transparency and compliance.

Screenshot Preview

[View Interactive Demo →](#)

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[Step 2: Doctor Typing Pharmacy Rule](#)

[Step 3: Forum Expanded with Pharmacist](#)

[Step 4: Payment Service Activated](#)

[Step 5: Complete Audit Trail](#)

Eleutherios is a policy coordination platform that enables people to expand digital forum capabilities through natural language rules, transforming conversations into complete workflows with integrated services and payments.

Step 1: Basic Doctor-Patient Forum

Initial medical consultation forum with doctor and patient

← Overview

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Medical Consultation Forum

Policy: BasicConsultationPolicy v1.0

Created: Oct 6, 2025 14:30

Patient: Alex Thompson | Case ID: #MC-2025-1006

Active Stakeholders

Dr. Sarah Chen

General Practitioner

Alex Thompson

Patient

Available Services

Consultation Chat

File Upload

Appointment Booking

Dr. Sarah Chen

Doctor

2025-10-06 14:30

Hello Alex, thank you for joining the consultation forum. I see from your notes that you've been experiencing some chest discomfort. Can you tell me more about when this started?

Alex Thompson

Patient

2025-10-06 14:32

Hi Dr. Chen, thanks for seeing me. The chest discomfort started about 3 days ago, mainly when I'm walking upstairs or doing physical activity. It feels like a tight pressure.

Dr. Sarah Chen

Doctor

2025-10-06 14:34

I understand. Have you experienced any shortness of breath, dizziness, or pain radiating to your arm or jaw along with the chest pressure?

Alex Thompson

Patient

2025-10-06 14:35

Type your message or EleuScript rule...

Send

Tip: Type "rule" to create policies or activate services

What's Happening Here

Eleutherios is built upon the PFSD (Policy, Forum, Service, Data) protocol to enable stakeholders to have a dynamic coordination conversation in real-time. In this example there is a doctor and patient discussing chest symptoms in a secure consultation forum with basic chat and file sharing capabilities.

PFSD: BasicConsultationPolicy → Forum instantiation with defined stakeholders and permissions

← Back to Overview

Next: Doctor Types Rule →

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In this example there is a doctor and patient discussing chest symptoms in a secure consultation forum with basic chat and file sharing capabilities.

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Step 2: Doctor Typing Pharmacy Rule

EleuScript rule detection and syntax highlighting

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Alex Thompson

Patient

2025-10-06 14:35

EleuScript Rule Detected: Policy creation rule recognized - will create sub-policy and expand forum capabilities

Rule: add pharmacy → Policy("PrescriptionFulfillment")

Action: Will add Pharmacist stakeholder and activate prescription services

Typing as:

Dr. Sarah Chen

General Practitioner

rule add pharmacy → Policy("PrescriptionFulfillment", stakeholders=["Patient"]

Execute Rule

EleuScript Rule Detected: Press Execute to create PrescriptionFulfillment policy

Rule Analysis

RULE TARGET

Policy

POLICY NAME

PrescriptionFulfillment

NEW STAKEHOLDER

Pharmacist

What's Happening Here

The doctor realizes they need to prescribe medication, so they type a simple rule directly into the chat: "rule add pharmacy → Policy("PrescriptionFulfillment")". Notice the purple highlighting - Eleutherios detects this as an EleuScript rule that will create a new policy and expand the forum's capabilities to include prescription services.

PFSD: Policy evolution through natural language - new sub-policy will be created

Previous: Basic Forum

Next: Forum Expands →

The doctor realizes they need to prescribe medication, so they type a simple rule directly into the chat: "rule add pharmacy → Policy('PrescriptionFulfillment')".

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Step 3: Forum Expanded with Pharmacist

Real-time capability expansion and stakeholder addition

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Medical Consultation Forum

Policy: PrescriptionFulfillment v1.0

Patient: Alex Thompson | Case ID: #MC-2025-1006

Updated: Oct 6, 2025 14:39

Parent: BasicConsultationPolicy

✓ Forum Expanded Successfully: PrescriptionFulfillment sub-policy created

New stakeholder added: Pharmacist • Prescription services activated • Parent policy linked

Active Stakeholders

Dr. Sarah Chen

General Practitioner

Alex Thompson

Patient

Maria Rodriguez

Wellington Central Pharmacy

NEW

Available Services

Consultation Chat

File Upload

Appointment Booking

Prescription Processing NEW

Payment Processing PENDING

Pharmacy Delivery NEW

Dr. Sarah Chen

Doctor

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Alex Thompson

Patient

2025-10-06 14:35

Type your message or EleuScript rule...

Send

Forum expanded successfully! Pharmacist added and prescription services activated.

Policy Hierarchy

BasicConsultationPolicy v1.0 → PrescriptionFulfillment v1.0 (Sub-policy created 14:39)

What's Happening Here

The moment the doctor executed that rule, the forum automatically evolved. A pharmacist from Wellington Central Pharmacy joined the conversation, new services like prescription processing activated, and the policy hierarchy updated to show we now have a PrescriptionFulfillment sub-policy. The forum grew more sophisticated based on real coordination needs.

PFSD: Forum → Service expansion - new stakeholder coordination enabled with prescription capabilities

← Previous: Rule Input

Next: Payment Activation →

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Step 4: Payment Service Activated

Stripe integration with multi-party payment splits

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Medical Consultation Forum

Policy: PrescriptionFulfillment v1.0

Updated: Oct 6, 2025 14:43

Parent: BasicConsultationPolicy

Patient: Alex Thompson | Case ID: #MC-2025-1006

Payment Service Activated: Stripe payment processing enabled for consultation fees

Amount: \$75 NZD • Recipients: Dr. Chen (80%), Platform (20%) • Payment intent: pi_1J5K2L3M4N5O6P7Q

Active Stakeholders

Dr. Sarah Chen

General Practitioner

Alex Thompson

Patient

Maria Rodriguez

Wellington Central Pharmacy

Available Services

Consultation Chat

File Upload

Appointment Booking

Prescription Processing

Stripe Payment Processing **ACTIVE**

Pharmacy Delivery

Thank you Maria, Alex, I'm prescribing Lisinopril 10mg for blood pressure management. The prescription will need to be filled and there's a consultation fee of \$75. Let me activate payment processing.

Dr. Sarah Chen

Doctor

2025-10-06 14:43

ELEUSCRIPT

rule activate payment -> Service("StripePayment", amount=75, currency="NZD", recipients=["doctor", "platform"])

System

System

2025-10-06 14:43

Payment service activated successfully! Stripe payment processing is now available. Payment intent created for \$75 NZD.

Payment Ready

Consultation fee payment is ready for processing

\$75.00 NZD

Consultation Fee

Payment Split

Dr. Sarah Chen (80%)

\$60.00

Platform Fee (20%)

\$15.00

Payment Details

Method: Card/Bank Transfer

Currency: NZD

Intent: pi_1J5K2L3M4N5O6P7Q

Process Payment

Review Details

Type your message or EleuScript rule...

Send

Payment service activated! Stripe processing ready for \$75 consultation fee.

What's Happening Here

Now the doctor needs to charge for the consultation, so they type another rule to activate Stripe payment processing for \$75. The system automatically configures an 80/20 split between doctor and platform. What started as a simple chat has become a complete healthcare workflow with integrated payments - all through natural language rules.

PFSB: Service integration - payment processing activated within coordination workflow

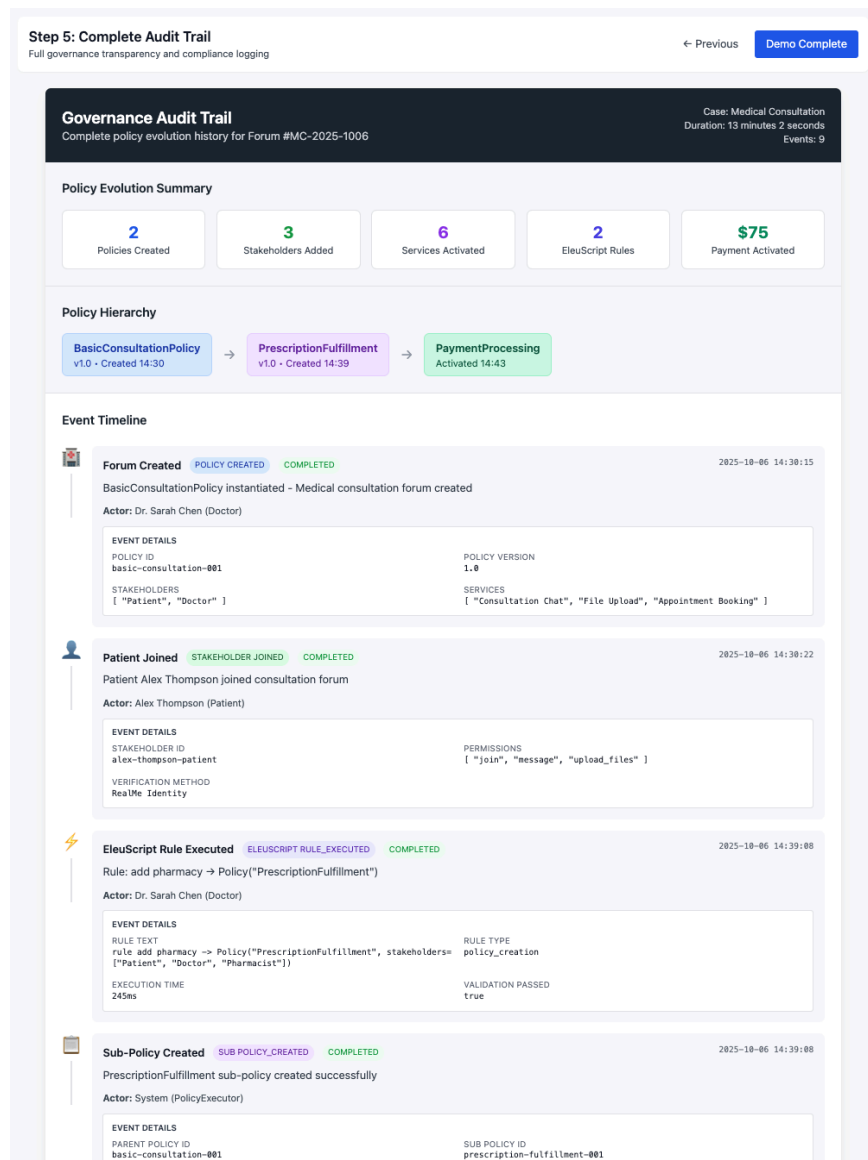
Previous: Forum Expansion

Next: Audit Trail →

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Every single action is transparently logged in the audit trail.

You can see the complete timeline: forum creation at 14:30, pharmacist addition at 14:39, payment activation at 14:43. This demonstrates the "Data" component of PFSD - complete governance transparency showing how policies evolved, who made decisions, and what services were activated.

The sequence shows how stakeholders can organically expand coordination capabilities through conversation rather than being locked into predetermined system constraints.