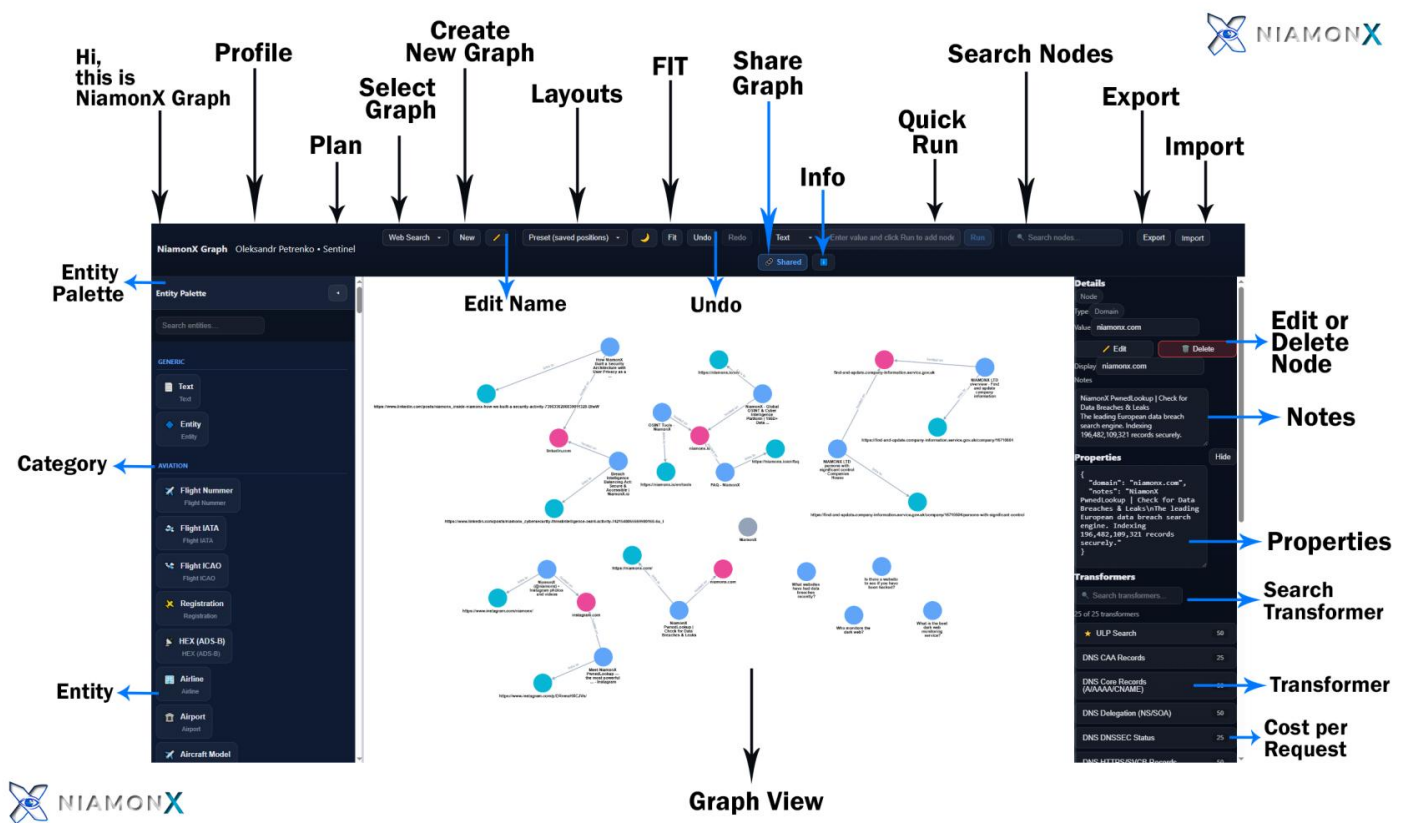


Navigate the Graph (Web App) Interface

The **NiamonX Graph** interface is structured into three primary sections:

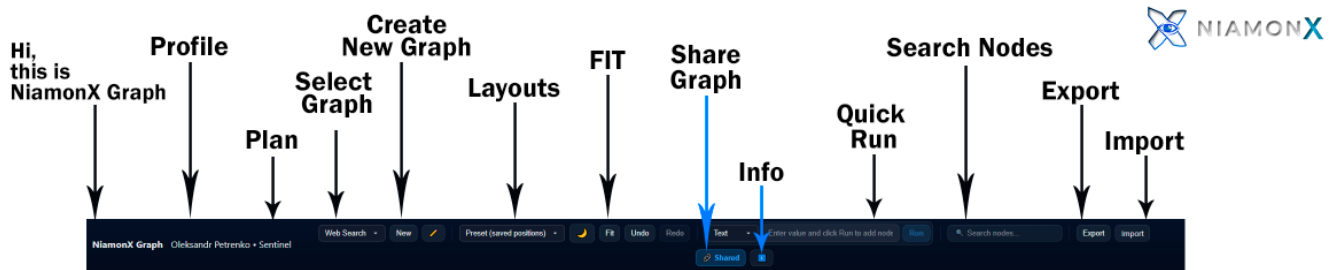
1. **Top Navigation Bar**
2. **Entity Palette (Left Sidebar)**
3. **Graph Workspace & Intelligence Panel (Center + Right Panel)**

Each section is designed to support large-scale graph investigations, enrichment workflows, and collaborative intelligence operations.



1. Top Navigation Bar

The top bar provides global controls for graph management, enrichment execution, collaboration, and navigation.



Identity & Workspace Area

- NiamonX Graph

Displays the active environment and current workspace.

- Profile

Shows the active user account and allows access to profile settings.

- Plan

Displays your current subscription tier and available capabilities.

Graph Management Controls

- Select Graph

Switch between saved graph workspaces.

- Create New Graph

Create a new blank investigation workspace.

- Edit Name

Rename the active graph workspace.

- Layouts

Apply automatic graph layout algorithms (e.g., force layout, hierarchical, radial) to optimize visualization.

- **FIT**

Automatically centers and scales the graph to fit the screen.

- **Undo / Redo**

Revert or reapply actions such as node creation, deletion, or transformer execution.

Intelligence Execution Controls

- **Quick Run (Text Input + Run)**

Enter a value (domain, email, IP, hash, etc.) and instantly create a node in the graph.

- **Info**

Displays contextual information about the current graph or selected node.

- **Share Graph**

Generate a secure public or restricted link to share your graph.

Supports:

- Public read-only sharing
 - Controlled collaboration
 - Stakeholder presentation links
-

Search & Data Management

- **Search Nodes**

Search for nodes within the active graph.

- **Export**

Export graph data in supported formats (e.g., JSON, structured intelligence format).

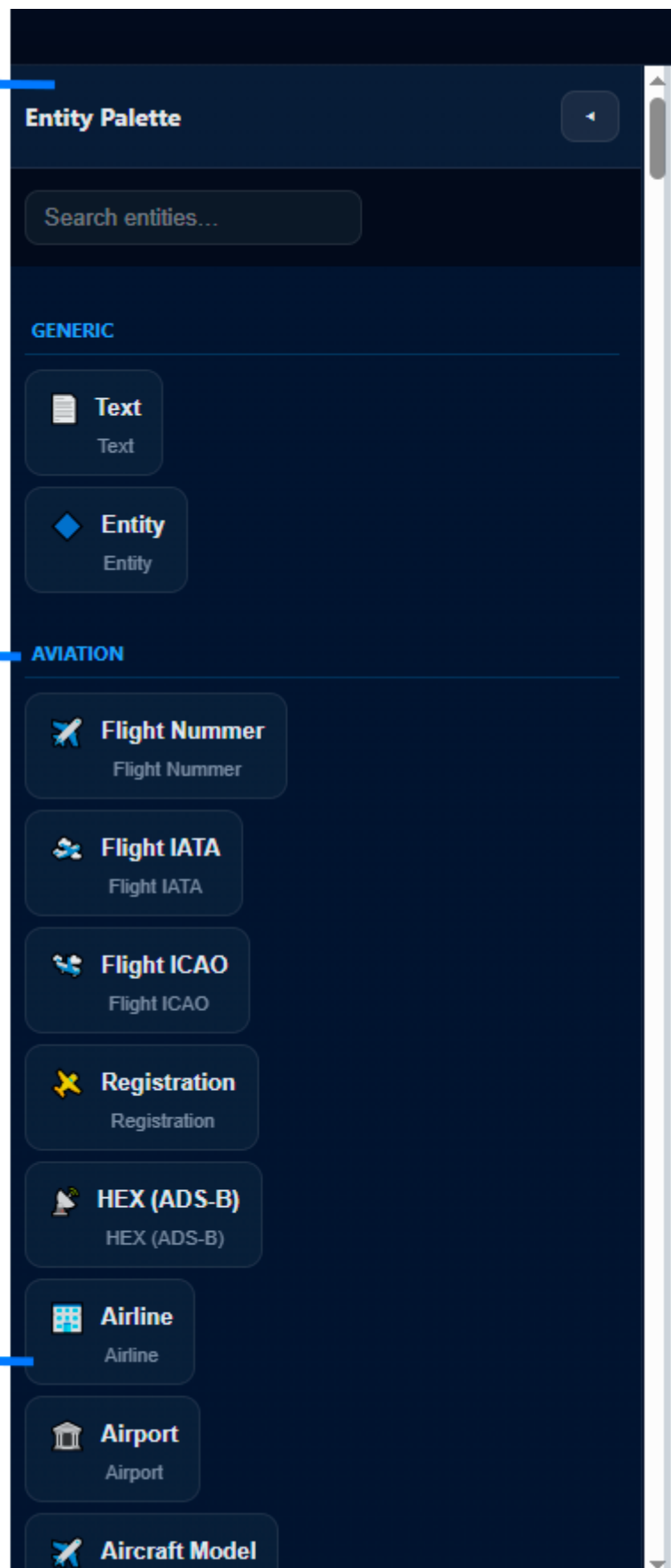
- **Import**

Import previously exported graphs or structured intelligence datasets.

2. Entity Palette (Left Sidebar)

The left sidebar is your entity creation and investigation entry point.

**Entity
Palette**



Category

Entity

Entity Palette

Contains all available entity types grouped by categories.

Search Entities

Quickly filter entity types.

Categories

Entities are grouped logically, for example:

- Generic
 - Aviation
 - Infrastructure
 - Credentials
 - Financial
 - OSINT
 - Custom entity groups
-

Entities

Each entity represents a structured data object.

Examples:

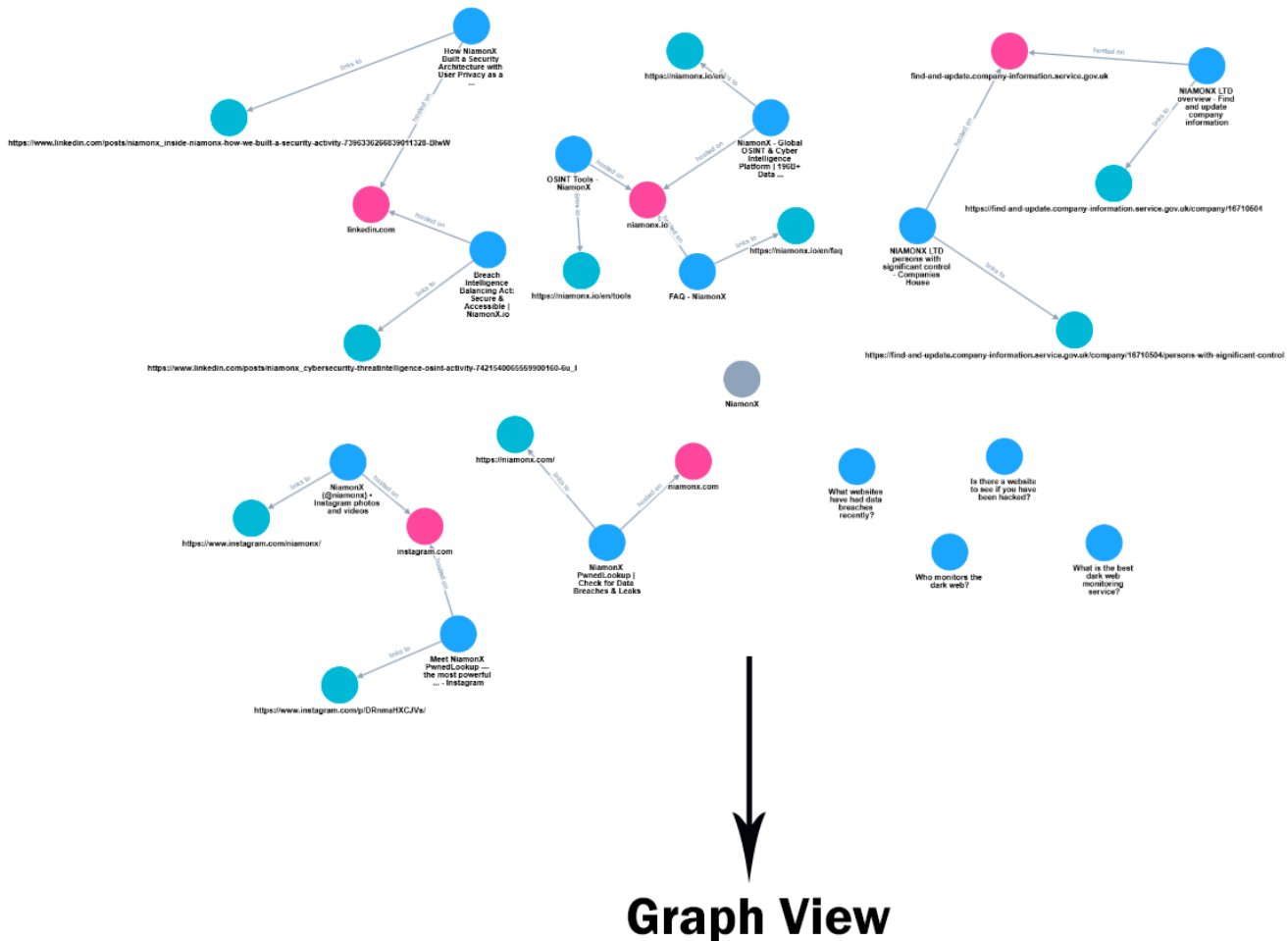
- Text
- Domain
- Email
- IP Address
- Flight Number
- Airline
- Aircraft Model
- Custom intelligence entities

To add an entity:

1. Drag it into the graph area
2. Or use Quick Run

3. Graph View (Center Workspace)

The central workspace is where investigation takes place.



Nodes

Each node represents an entity:

- Colored by type
- Clickable
- Expandable via transformers
- Editable

Connections (Edges)

Edges represent relationships between entities:

- Derived from enrichment transformers
 - Based on internal correlation logic
 - Smart relationship engine connects large datasets automatically
-

Smart Relationship Engine

NiamonX Graph intelligently links entities across datasets using:

- Internal NiamonX intelligence sources
- Cross-record correlations
- Infrastructure relationships
- Credential overlaps
- DNS linkages
- Blockchain references

Large datasets are automatically structured to avoid clutter and maximize analytical clarity.

4. Intelligence & Node Panel (Right Sidebar)

When a node is selected, the right panel displays detailed intelligence.

The screenshot shows a 'Node Details' interface with several sections. Annotations with blue arrows point to specific elements:

- Edit or Delete Node:** Points to the 'Edit' (pencil icon) and 'Delete' (trash icon) buttons in the 'Details' section.
- Notes:** Points to the 'Notes' section containing text about 'NiamonX PwnedLookup'.
- Properties:** Points to the 'Properties' section showing a JSON object.
- Search Transformer:** Points to the 'Search transformers...' search bar in the 'Transformers' section.
- Transformer:** Points to the 'DNS Core Records (AAAA/CNAME)' entry in the list of transformers.
- Cost per Request:** Points to the '25' value next to 'DNS DNSSEC Status'.

Details Section:

- Node: [Empty]
- Type: Domain
- Value: niamonx.com
- Buttons: Edit, Delete
- Display: niamonx.com
- Notes: NiamonX PwnedLookup | Check for Data Breaches & Leaks. The leading European data breach search engine. Indexing 196,482,109,321 records securely.

Properties Section:

```
{  "domain": "niamonx.com",  "notes": "NiamonX PwnedLookup | Check for Data Breaches & Leaks\nThe leading European data breach search engine. Indexing 196,482,109,321 records securely."}
```

Transformers Section:

25 of 25 transformers

Transformer	Cost per Request
★ ULP Search	50
DNS CAA Records	25
DNS Core Records (AAAA/CNAME)	50
DNS Delegation (NS/SOA)	50
DNS DNSSEC Status	25
DNS HTTPS/SVCB Records	50

Node Details

Displays:

- Node Type
 - Value
 - Display Name
-

Edit / Delete Node

Modify or remove nodes from the graph.

Notes

Add investigation notes to a node:

- Observations
- Hypotheses
- Case references
- Internal comments

Useful for collaborative investigations.

Properties

Displays structured JSON-like metadata for the node, including:

- Domain data
 - Correlated breach references
 - Infrastructure attributes
 - Enrichment results
-

Search Transformer

Search among 50+ available enrichment transformers.

Transformers

Transformers expand nodes with additional intelligence.

Examples:

- ULP Search
 - DNS Core Records (A/AAAA/CNAME)
 - DNS CAA Records
 - DNS Delegation (NS/SOA)
 - DNSSEC Status
 - PTR Reverse Lookup
 - Infrastructure resolution
 - Breach expansion
 - Email intelligence
-

Cost per Request

Each transformer displays resource cost per execution, allowing users to manage API credits efficiently.

Complete Workflow Example

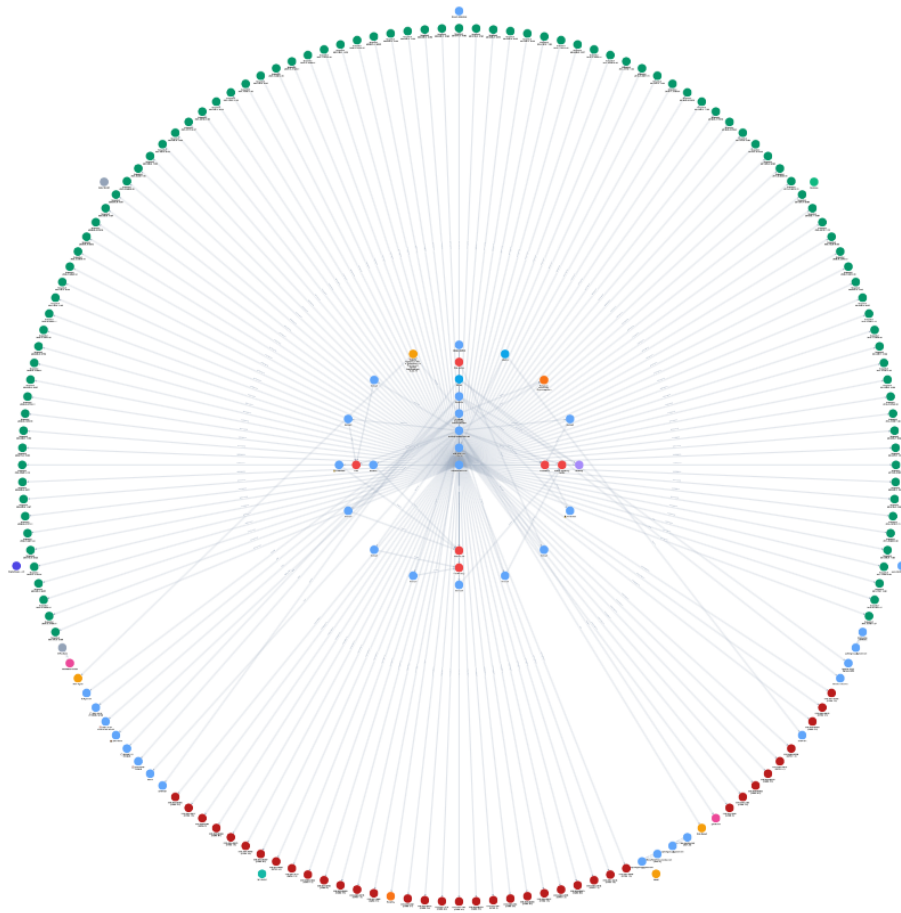
1. Create a new graph.
 2. Add a Domain node using Quick Run.
 3. Run DNS transformers.
 4. Expand infrastructure nodes.
 5. Run breach enrichment.
 6. Analyze relationships.
 7. Add notes.
 8. Share the graph with stakeholders.
 9. Export structured intelligence if needed.
-

Designed for Large-Scale Intelligence

The interface is optimized for:

- High-volume datasets
- Complex multi-hop investigations
- Real-time enrichment
- Collaborative workflows
- Controlled intelligence sharing

NiamonX Graph ensures that even massive interconnected datasets remain structured, readable, and actionable.



Revision #1

Created 22 February 2026 21:04:53 by NiamonX Team

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