



#### CAPABILITIES

- Build link diagrams
- Search diagrams by keyword
- Choose different graph types
- Define data sources
- Create object templates
- Manage complex relationships
- Filter relationship types
- Attach data elements
- Generate reports
- Share relational schemas

### **Relational Data Management with Epiphany**

SEE THE LOGIC

Epiphany is a cross-platform web application for creating, modifying, sharing, and viewing relational data. Epiphany installs easily into web server/application environments and interacts with many data sources and data storage mechanisms such as FTP, VBCS from Vignette, mail servers, and databases.

Epiphany uses pure XML to define its data and data schema to simplify conversion of outputted data into other formats.





The screenshot shows the EPIPHANY web application running in a Mozilla Firefox browser. The main area displays a link diagram with nodes representing people and organizations, connected by lines indicating relationships. Nodes include Michael Long, Jennifer Long, Robert Corley, CES CPC, Expert Consultants, NSets II, Aegis, and Booze Allen and Hamilton. Relationships shown include 'Owns', 'Subcontractor', 'Employee', 'Married To', 'Prime', 'President', 'Team Mate', and 'Bidding'. A callout box points to the diagram with the text: "Link Diagrams graphically depict relationships between people, groups, objects, or locations." Another callout box points to the top toolbar with the text: "Users can add new objects, create new links, or change the diagram display type." On the right, an 'Attributes Panel' for 'Expert Consultants' is visible, showing fields for Name, Type, Website, Proposal Template, and Relationships. A callout box points to this panel with the text: "The Attributes Panel displays the properties and relationships of the selected object."

**BENEFITS**

- Platform Independent
- Flexible data schema
- Seamless portal integration
- Full Web Services Compatibility

Epiphany provides a flexible, scalable framework for link analysis. Users view data as link diagrams to visualize relationships and hierarchies between objects. Diagrams can be shared between users to maximize collaboration within an organization.

Epiphany can generate graph hierarchies, circle relation charts, tree charts, and data graphs from the data schema. Users can also create custom views of objects and their relationships.

Data objects are represented as icons and contain relevant information specific to their type. Object properties and relationships are displayed in an attributes panel that enable users to view, update, or attach any related hyperlinks or documents that need to be stored with the object. Keyword searches can be performed on all data objects and formatted reports can also be generated.

**Epiphany uses pure XML to define its data and data schema for ideal flexibility.**

A single web server install provides easy access to any number of users without the need for dedicated client machines. Epiphany can also scale to multiple servers using a clustering database such as Oracle.

Epiphany's simple data schema facilitates fast and efficient transformations between application formats. Developers using ECI's data transformation tool GUI can convert most data formats into a schema manageable by Epiphany.

Please contact us at [info@eci-usa.net](mailto:info@eci-usa.net) or visit [www.eci-usa.net](http://www.eci-usa.net) for more information.

