

Support For E-Business

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Support for E-Business

- Organizations such as Rossettanet and Oasis provide an infrastructure for information exchange
- A variety of firms such as SAP, Baan, Oracle, etc. provide internal infrastructure on which E-Business can be built.
- Organizations such as Vertical.net and Ariba provide applications for E-Business

www.oasis-open.org

- Organization for the Advancement of Structured Information Standards
- Working on a registry and base XML document types (e.g. CALS and DocBook)
- Working on an exchange standard for Computer Graphics Metafile

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3

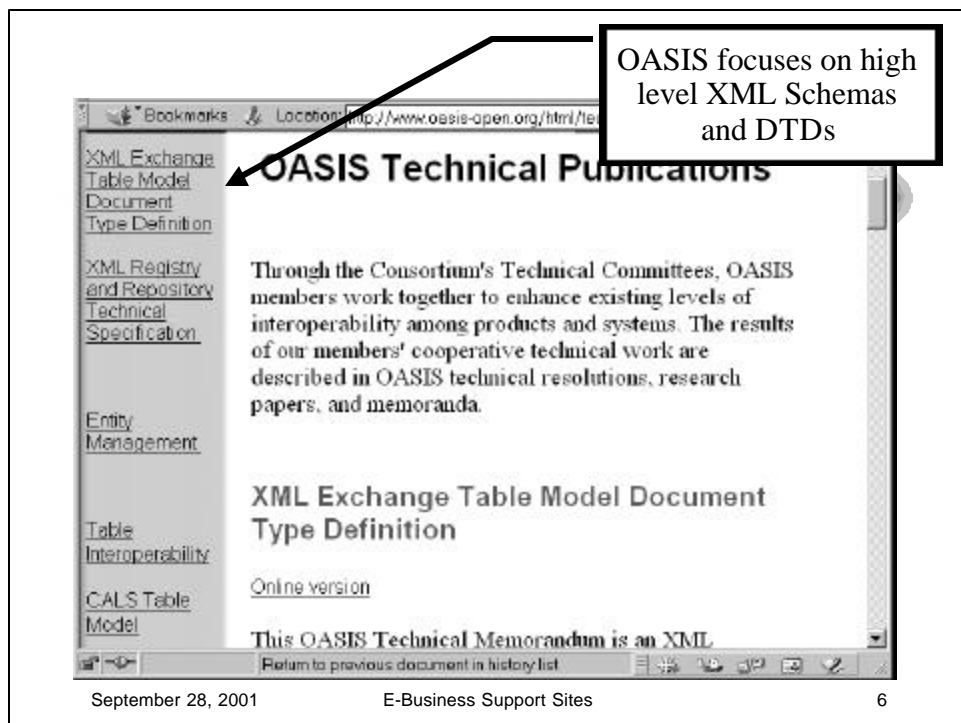
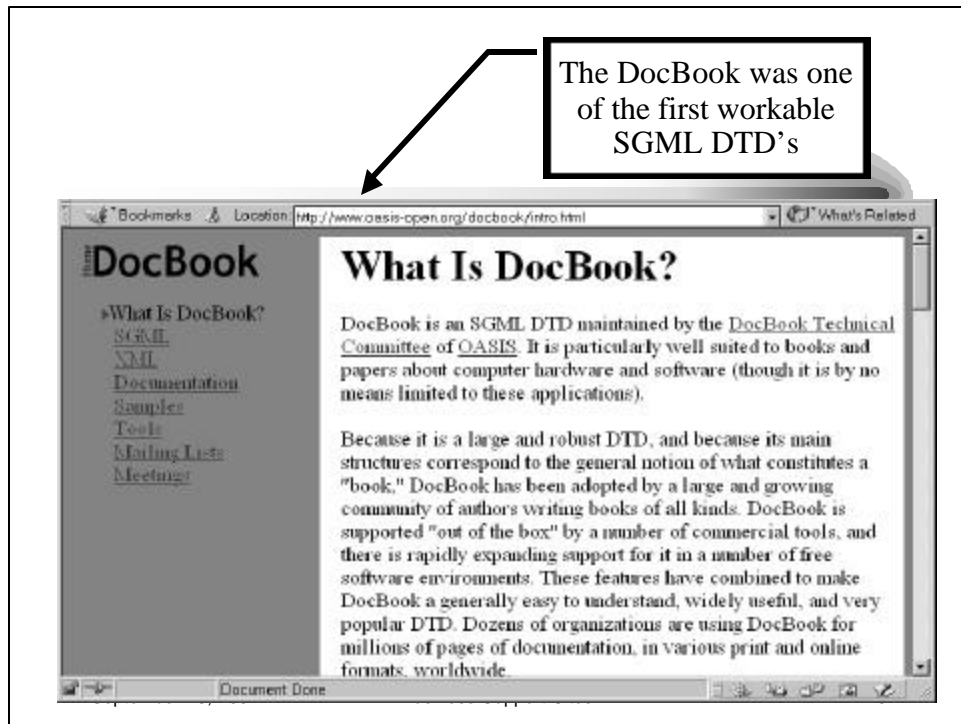
The screenshot shows the OASIS website in a Netscape browser window. The address bar displays 'http://www.oasis-open.org/'. The page features the OASIS logo and the tagline 'Organization for the Advancement of Structured Information Standards'. A navigation menu includes links for 'About Us', 'Library', 'Calendar', 'Site Map', 'Members', and 'News'. Below this, there are links for 'Members Only', 'OASIS Committees', 'Desktops', 'CGM Open', and 'ROBIN COVERT'S SGML/XML PAGES'. A section titled 'New to OASIS?' contains a paragraph describing the organization as a nonprofit consortium dedicated to accelerating the adoption of product-independent formats based on public standards, including SGML, XML, HTML, and CGM. An annotation box with the text 'OASIS focuses on the development of structured information' has an arrow pointing to the 'OASIS Committees' link in the navigation menu.

OASIS focuses on the development of structured information

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4



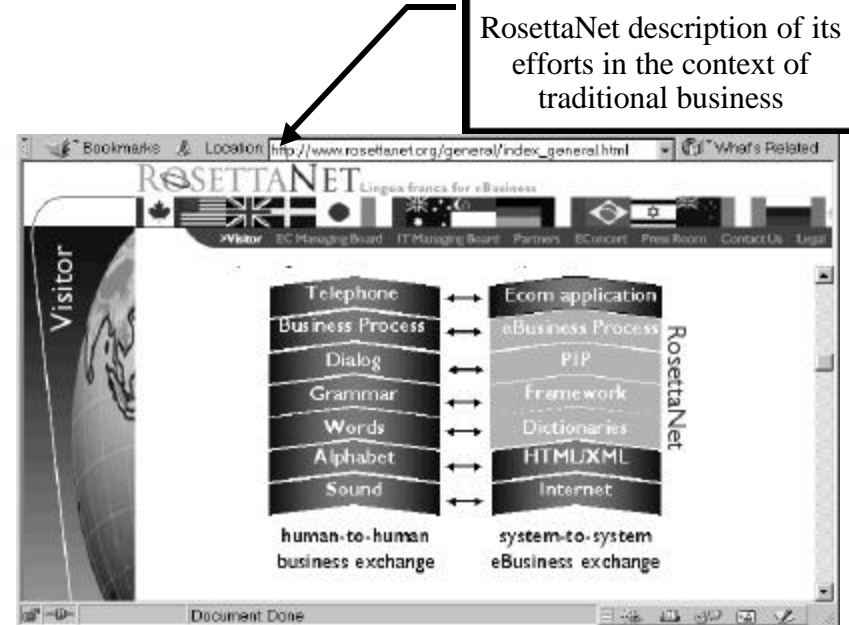
www.rosettanet.org

- Focus on common business interfaces
- Extends EDI into the XML world
- Looks to develop four components
 - Dictionaries
 - Frameworks
 - Interfaces
 - Business processes

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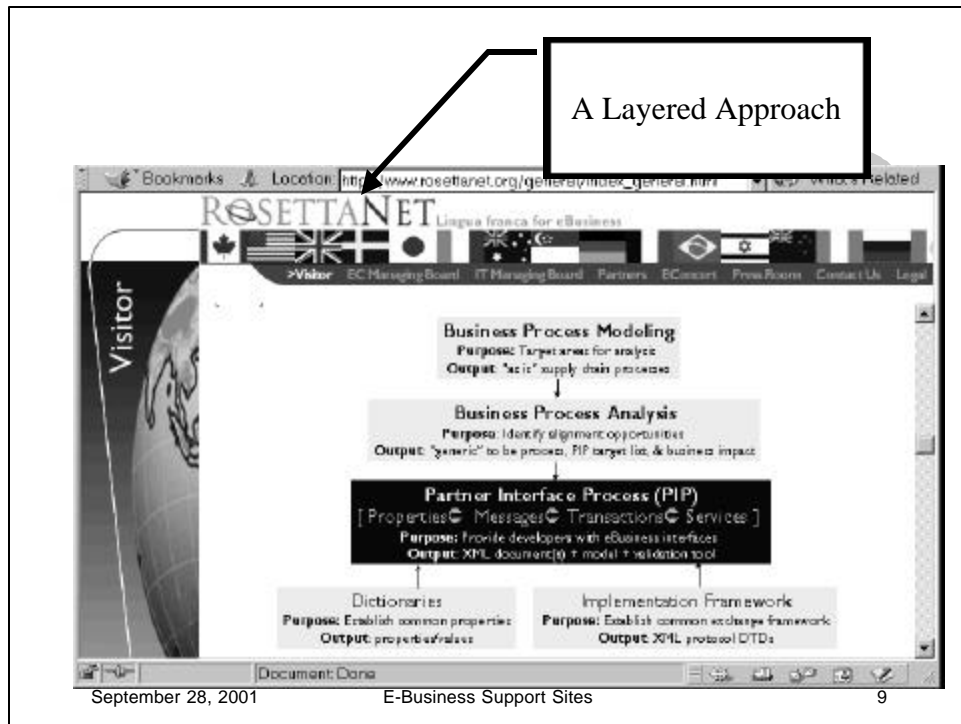
7



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8



Rosettanet Methodology

Planning

- Project Identification
- Scope and Impact
- Prioritization
- Project Planning

Development

- Team Building
- Research and Development
- Industry Feedback
- Interface Approval

Implementation

- Workpapers Documentation
- Certification of Compliance
- Permeation
- Maintenance

Further detail of end states in the process

2.5 PIP END STATES

End States are comprised of one or more conditions:

END

- Return Provider has issued the Return Product Response.
- Return Provider has issued the Return Product Response, and the Return Requester decided not to return the product.
- The Return Receiver determined the shipment to be unacceptable.
- The return did not have an RMA number, and the Return Provider decided not to issue an RMA number.
- The Return Result was issued to the Return Requester.
- The shipment was rejected by the Return Receiver.

FAILED

- The Return Product Request could not be sent by the Return Requester.
- The Return Product Response could not be sent by the Return Provider.

Page 8 of 10 112% 8.5 x 11 in

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www.commerce.net

- Supports development of e-commerce
- Provides a forum for the discussion of issues
- Provides access to research data
- Provides an architecture
- Provides specific XML support for transactions

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Mission is to support
E-Commerce

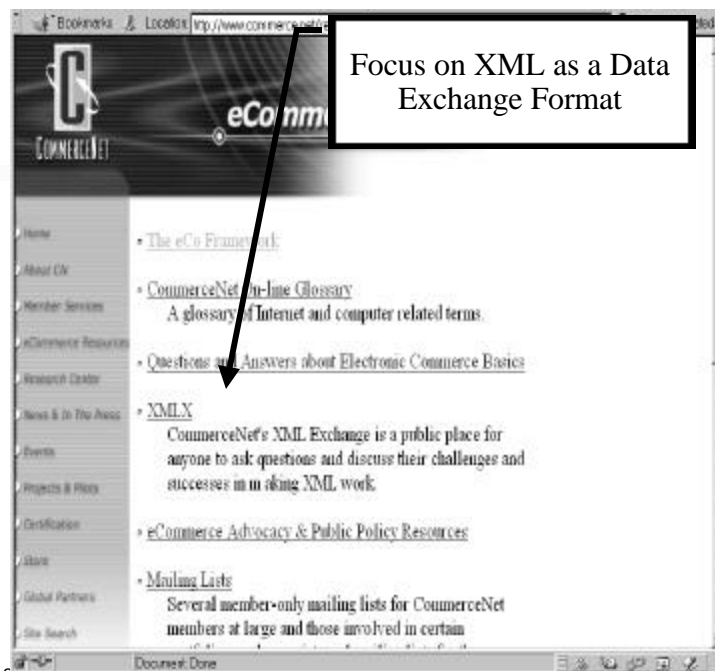


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15

Focus on XML as a Data
Exchange Format



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16

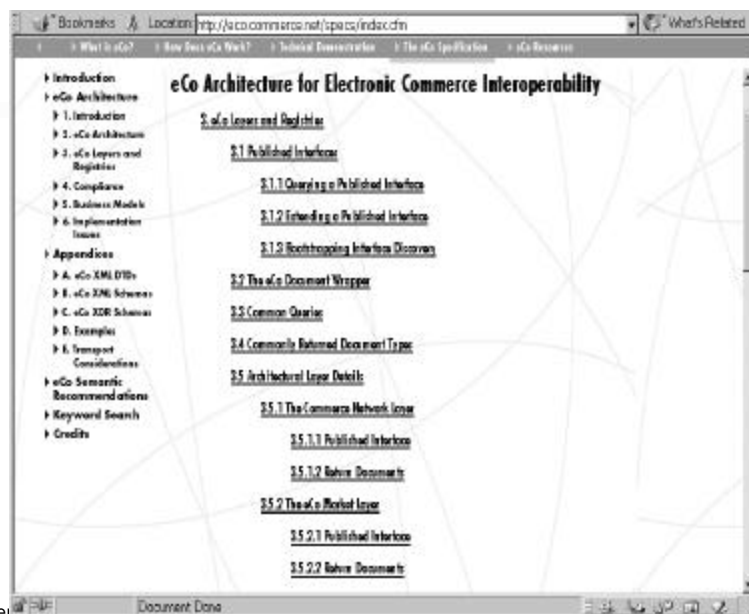
commerce.net design guidelines

- Use Internet Standards and Specifications
- Use Existing or Emerging Standards
- Promote Interoperability
- Allow for International Language Support
- Extensibility
- Simplicity
- Achievable

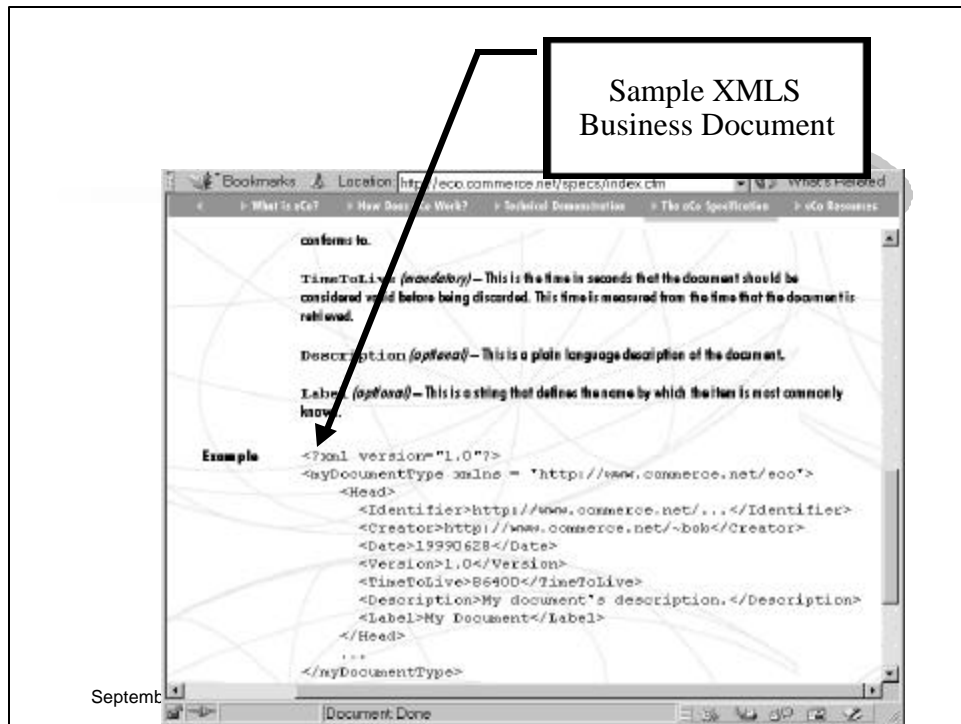
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www.oracle.com

- Oracle provides extensive support for e-business through its DBMS engine
- It also practices what it preaches and thus sells knowledge as well as systems
- It also provides extensive post purchase support

Oracle sells ebusiness software for a broad range of industries.



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Oracle used its own products and reduced operating cost by \$2 Billion

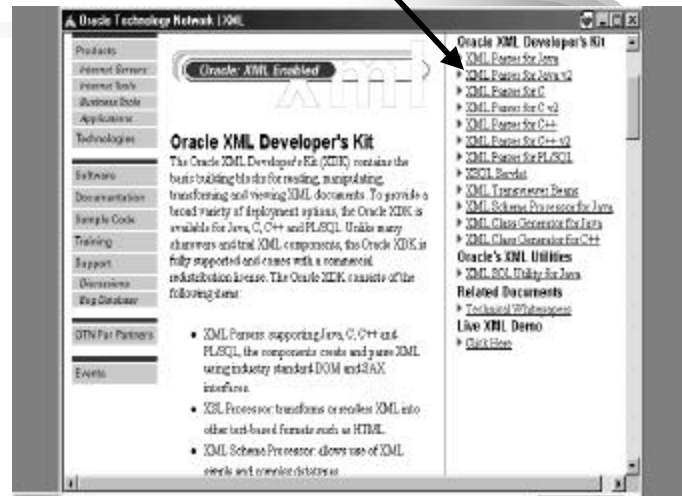


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Extensive XML developer software is available



23

Technical discussion groups are coordinated for Oracle developers.



24

Ariba

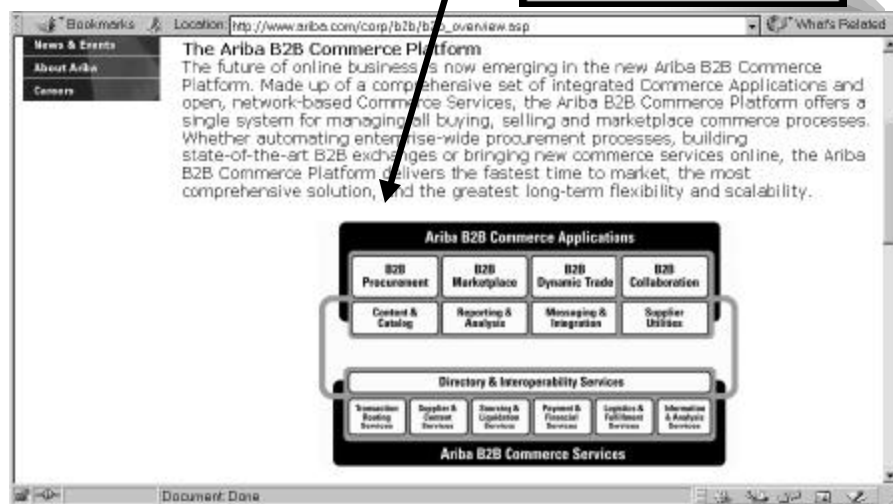
- Ariba has grown from a simple buy side enabler to a total solution provided
- Ariba development:
 - Buy side
 - Exchanges (Tradex, Trading Dynamics)
 - Sell side (Supplier Market)
 - Value chain management solutions
- Ariba also offers solutions for “Targets of Opportunity”
 - Business expenses and e-procurement

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An E-Business Platform



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Ariba Commerce Services Network

- The Commerce Services Network (CSN) provides access to 30,000 suppliers for Ariba customers
- Services on the network include:
 - supplier directories
 - supplier catalog and content management
 - access to supplier content
 - secure transaction routing
 - multi-protocol support for exchanging content and transaction information.

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28

Ariba Buyer

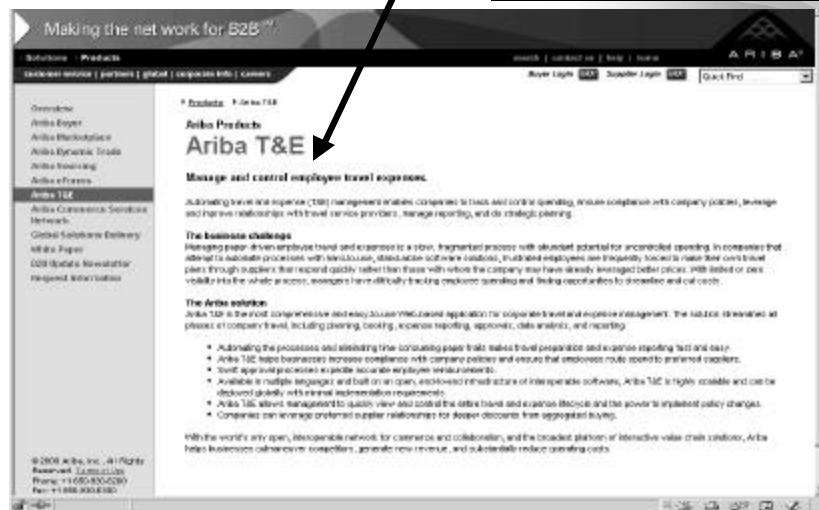
- For example, Ariba Buyer includes
 - HTML-based access from a standard browser
 - Simple set-up for purchasing business rules
 - Transaction reporting on batch basis
 - Easy-to-use searching and sourcing tools
 - E-mail-based approval routing
 - Spot buying
- On the buy side, customers pay:
 - Transaction fees
 - Software license (adapters) and service fees
 - Network fees

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31

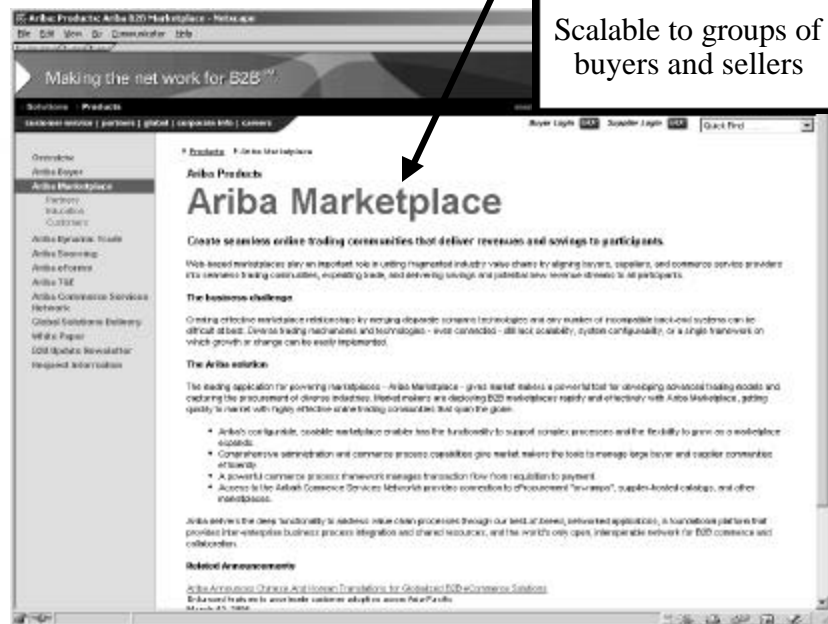
Targets significant areas
for quick cost saving



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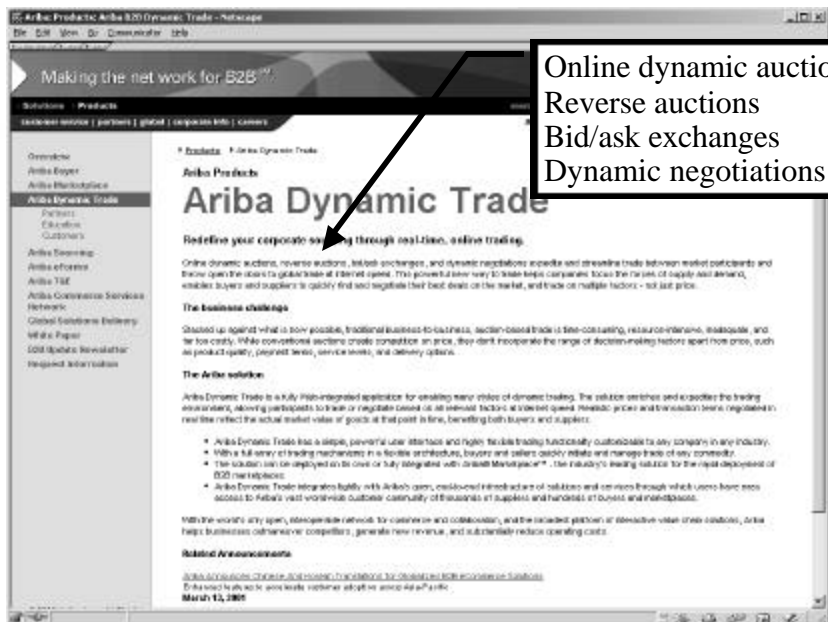
32



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33



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34

VerticalNet, Inc.

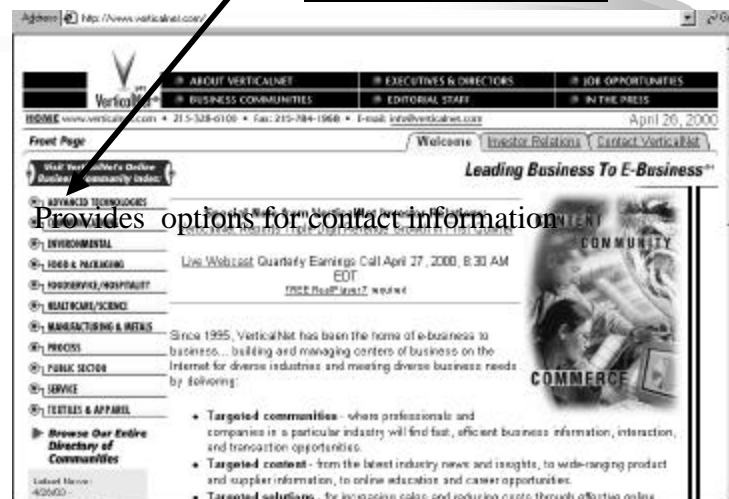
- example of an Internet-company enabler
- owns and operates 47 industry-specific Web sites designed as online B-to-B communities, known as Vertical Trade Communities.
- These Vertical Trade Communities provide users with comprehensive sources of information, interaction and e-commerce.

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35

Provides industry specific index.

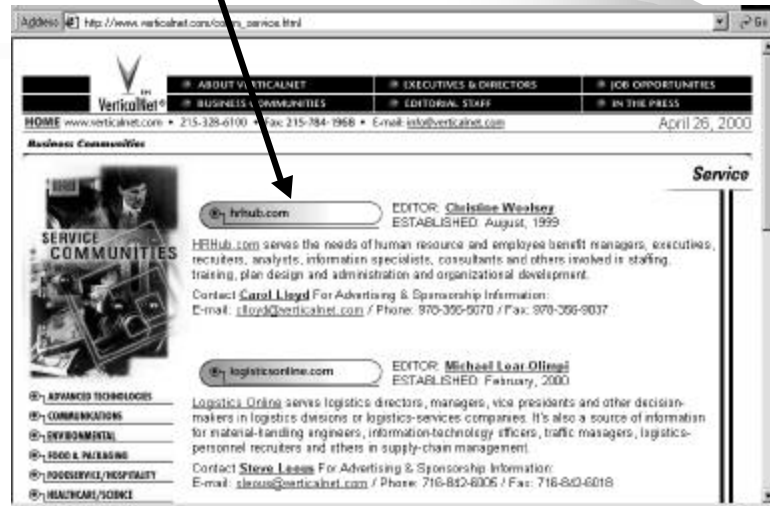


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Provides options for
contact information



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37