

poly *net*

S W U R V
PolyNet

easier, cheaper, faster...



The PolyNet is designed to remove barriers (so businesses can fully exploit the Internet) for increased efficiency and productivity in business transactions.

IT professionals, business and their customers need a Platform that enables rapid deployment of distributed processes over the Internet.

The PolyNet is this enabling platform. The three core components are; Smartees, Nexus and the Environment .

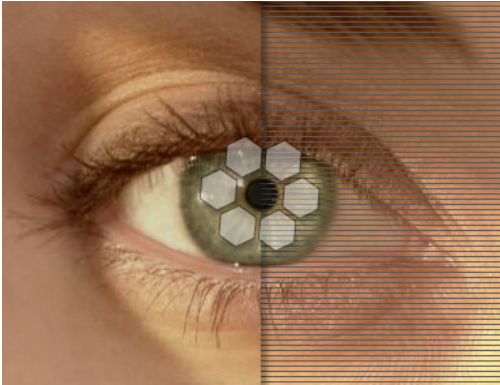
With PolyNet the Internet can now work as a cohesive unit. Computers, electronic devices and web services can work together, to deliver powerful applications and solutions. The PolyNet provides the missing layer of software intelligence that enables the interoperability of disparate technologies within and across organizational boundaries.

The Enterprise can now enjoy natural synergies between networks. Intranets, Extranets, public Internet and applications blend seamlessly.

The PolyNet is not a closed system. It is not an integration platform that requires enterprises to spend large portions of their IT budgets trying to make their systems work as one. It is about interoperability. True end to end processes happen dynamically. Solutions may be deployed with business partners that have very different technologies. The same holds true with vertically integrated companies, with many departments scattered around the globe, all using different technologies for similar processes. Allowing these systems to interoperate securely, no matter where they are deployed, will result in cost efficiencies that were not previously available.



What does PolyNet mean to your business?



"Everybody knows that Web services are going to play a big role in B-to-B and having large systems talk to large systems. But there is no reason why eventually we do not see this same capability coming down to smaller types of applications."

John Bobowicz
Chief Technical Strategist at Sun Microsystems

connect...

Better with Customers

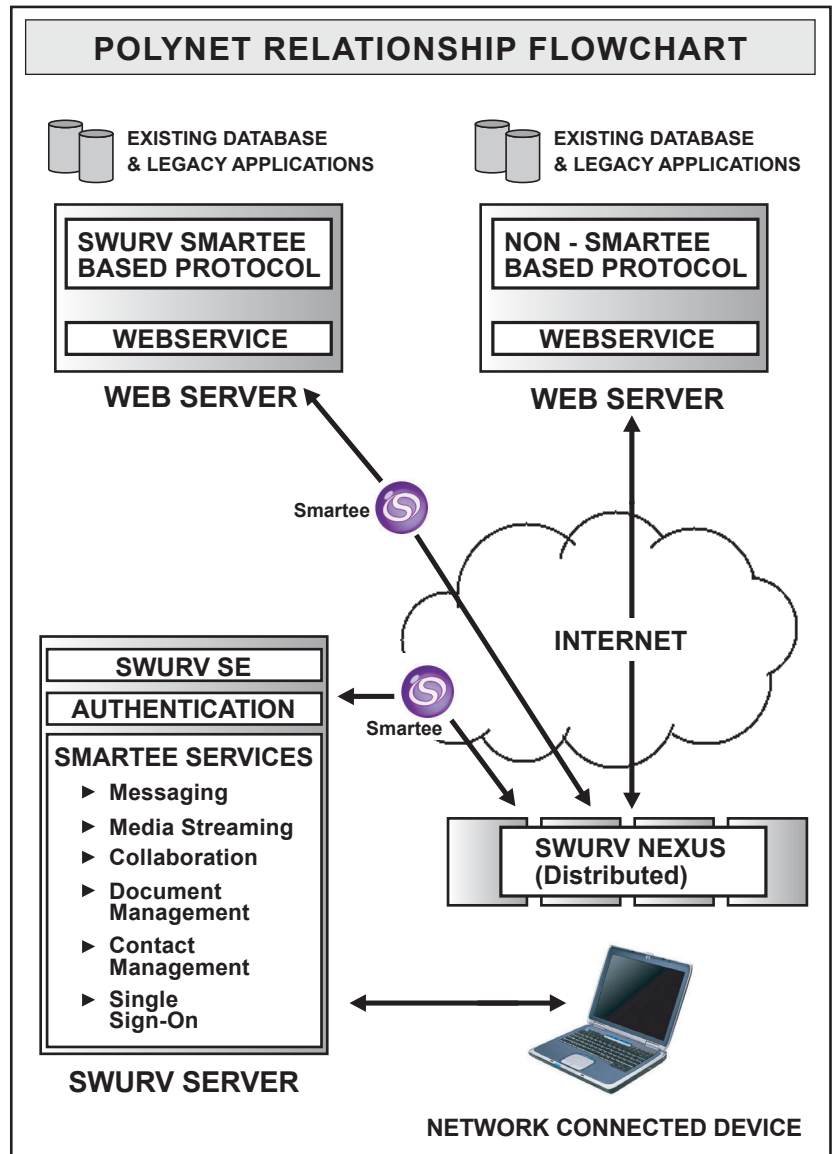
Swurv PolyNet breaks down the barriers between you and your customers, by seamlessly connecting you to all of your customer "contact points", via the web. This allows for more effective customer relationships as well as new non-traditional revenue opportunities.

Better with Partners

Swurv PolyNet's distributed architecture, allows companies to securely communicate and share data over the Internet in new and innovative ways, while maintaining ownership and control of their business intelligence. There is no central repository of data.

Better with Employees

Swurv PolyNet allows a seamless flow of information between people and across departments. The right information gets to the right people at the right time, enabling employees to make better decisions and become more productive.



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Interoperability Scenario:



Meet Dave in Chicago. He is a Bank client and member of its Rewards Club. The Bank's Rewards Club offers Swurv software to its members. Dave now has access to the Swurv PolyNet, by signing on to the Swurv Environment (SE).

Through SE's single sign on, he can book a flight and a hotel and rent a car, for his business trip to Miami. Viewing his on-line agenda and address book (*the addresses, and telephone numbers of his associates in Miami*), he is also presented with regional travel resources, based on his profile (GPS, previous buying patterns, currency, language etc...). From this content Dave makes a selection from the available options and executes the transaction including hotel accommodations (non-smoking, double bed, and vegetarian meals on the flight).

Immediately Dave, along with his associates in Miami, have their schedules updated simultaneously to reflect his new itinerary, including departure and arrival times. In addition, Dave's frequent flyer miles are credited and bank account debited.



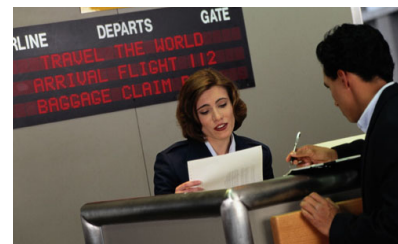
The day of Dave's flight, he signs on to SE and checks his schedule. He has an alert from the airline informing him that his flight has been delayed by several hours. Dave has not yet left for the airport, so he can relax. All of the

appropriate parties schedules have been updated to Dave's new timetable, including the hotel he is staying at, the rental agency where his car is waiting and the business associates he is meeting.

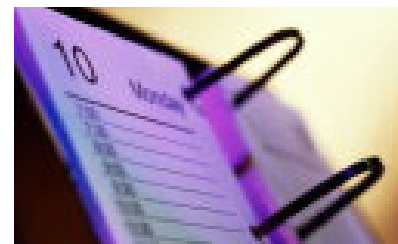
While in Miami, Dave's schedule reflects time zone change, local content, events, vendors and services such as transit, government services etc. Upon entering a meeting in Miami Dave can sign in to SE and has immediate access to his files and pertinent information for the presentation.



Dave books all of his travel needs online, including flight, hotel, rental car etc. His schedule in SE is updated with his itinerary.



When the airline enters a change in the flight status, all the parties on the flight receive an immediate alert.



Dave, along with his associates, have their electronic schedules, updated simultaneously to reflect the changes in his itinerary.



While in Miami, Dave's schedule reflects time zone change, local content, events, vendors and services such as transit, government services etc.

PolyNet



interoperability

Consumers and organizations have data in hundreds of places across the technology landscape, locked away in applications, product registration databases, cookies, and web site user tracking databases. Today, the consumer cannot access his PC-based information from his phone, or his phone-based information from his Palm Pilot, since these technologies do not interoperate. This situation is not only inconvenient to consumers, but also to corporations who are stymied in their attempts to offer new & innovative data-based services.

Many companies have renovated, re-architected, or re-engineered their mainframe systems. Most recently, companies have concentrated on converting those older applications into Web services.

It's all to deal with a problem generally referred to as legacy systems--those systems, most often identified with outdated mainframes and spaghetti code, that have outlived their usefulness or at least their innovative, competitive edge.

Legacy systems typically chew up 40% to 60% of IT budgets and have done so almost since 1965, a year after IBM launched the first System/360 mainframe, says Dale Vecchio, specialist in legacy-system evolution at IT advisory firm Gartner. In some cases, Vecchio says, they account for as much as 80% of budgets.



"It's a mistake to think of legacy systems only in terms of Cobol or PL/1 code", says David Linthicum, chief technology officer at Mercator Software Inc., an enterprise integration vendor, and author of B2B Application Integration (Addison Wesley, 2001). Legacy systems are simply those "no longer being developed or extended for new business needs." As opposed to new development, legacy systems "are just being maintained," Linthicum says.

With Swurv PolyNet, legacy systems can be made to interoperate, without the need to integrate, at a fraction of the cost.

The Swurv PolyNet provides 3 essential things:

Creates a single, secure, distributed repository for user permissions to information (*ie frequent flier number, credit card details, agenda information, contact information*), thus giving the User full control of their data.

Provides the technology platform that allows organizations to leverage this interoperable data repository so that they can develop new, higher value-add services for consumers , particularly new services relying on the inter-working of several corporations (*i.e. airline, hotel, bank*).

Enables third party developers and organizations to interoperate their existing enterprise with this repository removing the need for redundant data entry and synchronization, leading to greater cost efficiencies and thus better value for the end consumer.

Interoperability Defined:

"The ability of systems to provide services to and accept services from other systems and to use the services so exchanged to enable them to operate effectively together."

ISO TC 204 Document N271

For Further Information:

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