



*Connecting Resources to...
... Deliver Powerful Results*

**MULTI-DIMENSIONAL WORLD INFORMATION RESOURCE SHARING AND DATA INTEGRATION
UTILITY**

Patent Documentation / Specifications

Great information exists in many places. The web has allowed for searching that often yields overwhelming and inconsistent results. Varying codes, subject terminologies and groupings for otherwise similar content between and among providers frustrates the targeted market. Organizations need a way of getting to, condensing and disseminating relevant information. Our vision is a global shared information resource with benefit for government, business and civil society.

The Resource Network has developed a technical solution for unifying, grouping and disseminating information. This solution is a method of bindings via a multi-dimensional multi-variant information utility based on specific numerical coding for geographic and topical interrelationships. In addition to holistic inclusion of all countries and international regions, this solution includes interconnected binding of the often overlooked states and other country sub units that are lynchpins for local and international markets.

The process for bringing information together involves the creation and use of unique codes referred to as WIN IDS and an underlying multi-variant binding process and technology. This information sharing utility does not rely on hierarchical structures, but instead on flexible, multi-dimensional linking. The result is a loose coupling of information and technology via this new method of data linking. The active dynamic of the coding system is the linking function. The power is unleashed through linking.

The following is an analysis of what was before the development of this technique and what is and will be with use of this technique.

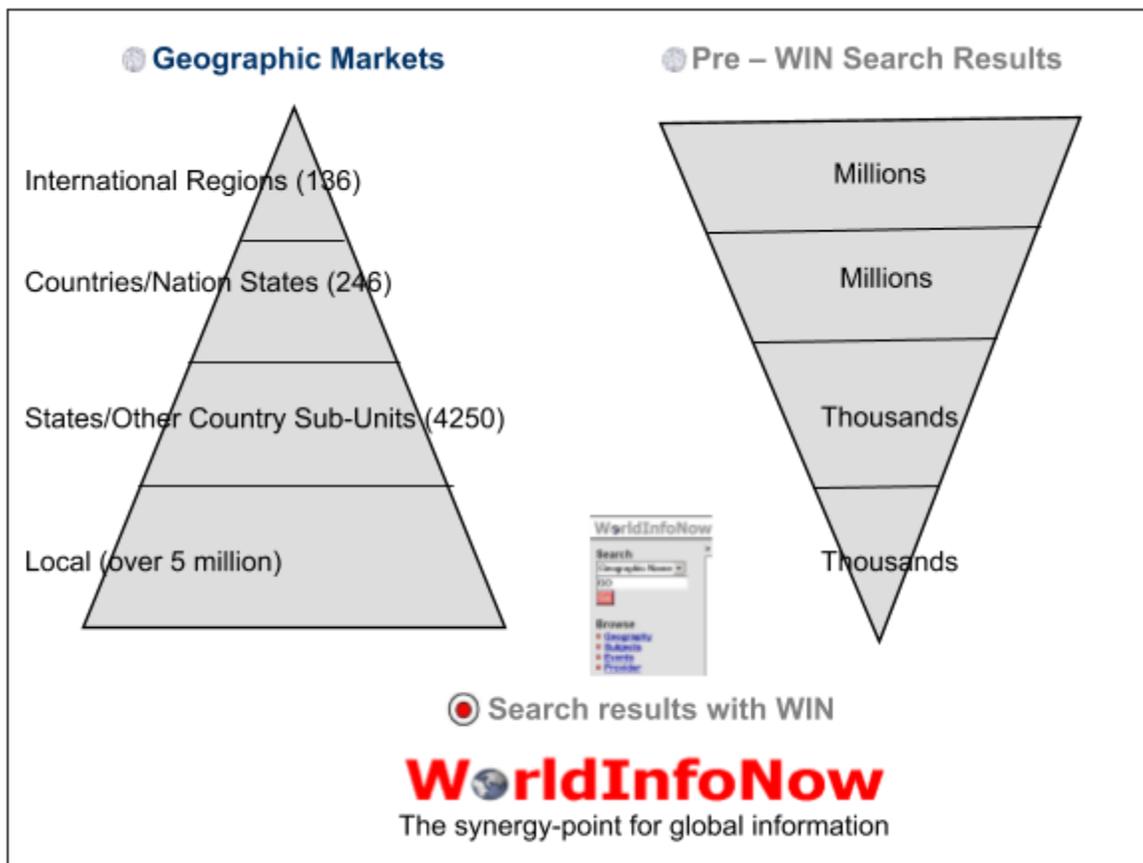
What Was	What Is
Fixed/hierarchical binding of data	Multi-dimensional, multi-variant, flexi-dimensional linking
Fixed/hierarchical access to data	Multi-dimensional, multi-variant, flexi-dimensional access
Disparate and multiple codes for the same geographical areas of the world (ex. ISO 2 digit alpha country codes; ISO 3 digit alpha country codes; FPS 10-4 country codes; Internet Country Codes; 2 digit postal codes; International Direct Dial Codes – ex. AL = Albania and Alabama DE = Germany and Delaware	A unified system for bridging disparate codes via WIN IDs

Australia = AS (FIPS); AU (ISO 2); AUS (ISO 3) 036 (ISO 3 digit numeric); 61 (IDD) Austria = AU (FIPS); AT (ISO 2); AUT (ISO 3); 040 (ISO 3 numeric); 43 (IDD)	
Differing coding structures for different types of geographic entities (countries/nations, states and other country sub units; counties, cities) which don't comport with multi dimensional reality	Unique WIN ID for each geographic entity with ability to designate multiple entity types
Conflicting coding structures for different types of geographic entities (countries/nations, states and other country sub units; counties, cities) which don't comport with multi dimensional reality (Ex. Singapore is a country and a city; San Francisco is a county and a city)	Unique WIN ID for each geographic entity with ability to designate multiple entity types
Lack of a comprehensive coding structure that includes all geographic areas	Unified system of coding that includes all geographic areas
Searches yield overwhelming results	Searches yield focused, pre-searched results
Rigid binding of information based on providers view of hierarchy	Multi-dimensional binding to provide flexible access based on users needs including multi-dimensional regional groupings
Need to understand providers method of hierarchy in order to access info	Simplified access by entry of name of desired location with ability to drill up and drill down
Lack of a single point of reference to access related data from multiple sources	Single point of reference to access related data from multiple sources
Disparate islands of stand alone information	Links and interconnected access between and among islands of information
Varied coverage based on providers scope of interest resulting in incomplete and inconsistent country coverage	Comprehensive access to 586 countries and regional groupings based on users needs
Separate data repositories for countries, states, counties, cities, etc.	Unified repository with unifying links for all geographic areas
Differing region names and data groupings	Alternate Bindings
Focus on developed areas of the world	Inclusive focus on all areas of the world
Missing links to states and other country sub units	Inclusive links to 4,155 states and other country sub units
Varying names for the same geographic area (ex. Burma = Myanmar; East Timor = Timor Leste; Bombay = Mumbai)	Ability to search and retrieve data via alternate names
Limited coverage of lesser developed areas (Ex. Appalachia; Zambia)	Focused coverage of lesser developed areas
Varying subject terminologies and groupings	
Disconnected data	Dynamic interlinking between and among Geo, Subject and Provider

Difficult to aggregate information from varying information providers	Easy to aggregate
Difficult to bridge internal and external information	Tool to integrate internal and external
	Dynamic cross referencing
	Pre sorted
	Flexi-dimensional lineage with ability to drill up and down
	Flexible geographic groupings
	Flexi-dimensional reporting
	Flexible interrelationships
	Integration with provider systems
	Integration with user systems
	Technical solution for unifying, grouping and disseminating useful information

The source does not have to change its definition of information. This system can integrate information from unmodified original source systems without source having to change to fit. Bringing together with origination sources not having to be changed to fit.

What Was and What Is: Pre and Post Analysis



Key features:

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Information repository

- long, narrow, efficient
- Swiss bank account
- lines of real estate
- like a Real Estate Investment Trust (REIT)

Information modules

- Geographic
- Subject
- Events
- Providers
- Individuals

Geographic Module

1. Geographic Name
2. WIN ID
3. Alternate Names (Name, Type, Provider Source)
4. Category (Continent, County/Nation, State, Prefecture, Province, City/Town, Capital, Lander, Municipality, Attraction, River, Mountain, Region, Body of Water, Island, Division, Neighborhood, District, Area, et al)
5. AD Composition (Continent, County/Nation, State, Prefecture, Province, City/Town, Capital, Lander, Municipality, Attraction, River, Mountain, Region, Body of Water, Island, Division, Neighborhood, District, Area, et al)
6. Description (Narrative)
7. Primary Bindings (Selection from Geo's)
8. State
9. Region
10. Prefecture
11. Divisions
12. Counties
13. Dial
14. Time Zone
15. ISO Country
16. State Code
17. Alternate Bindings (Alternate binding Geo from Geo's and Providers from Provider)
18. Information Repository (Geo, Provider Scope, Provider Source, Subject, Data Type, Date, Time, Win Link)

Subject Module

1. Subject
2. Topic Singular
3. Subject ID
4. Level
5. Description
6. Information Repository (Geo, Provider Scope, Provider Source, Subject, Data Type, Date, Time, Win Link)
7. Related Subjects (Related To, Relationship)

Provider Module

1. Provider
2. Description
3. Source
4. Medium
5. Value
6. Description
7. Source ID
8. Information Repository (Geo, Provider Scope, Provider Source, Subject, Data Type, Date, Time, Win Link)

Events Module

1. Start date
2. End date
3. Event name
4. Type
5. Location
6. Sponsor
7. Target audience
8. Access

What is claimed is:

1. A method of binding geographic. the method comprising:
 - a. determining a geographic linkage key
 - b. determining a subject linkage key
 - c. determining an event linkage key
 - d. determining a provider linkage key
 - e. determining a provider source linkage key
2. A method of binding subjects
3. A method of binding events
4. A method of binding providers
5. A method of providing information
6. A method of integration and linking information

WorldInfoNow provides the missing link to effective access and use of information and data. WIN:

- Aggregates premier public and private data with state of the art enterprise data connectivity and delivery;
- Offers the user sophisticated and simplified search tools;
- Presents information, with attribution, in a ready-to-use format so that the user can immediately analyze and interpret the information; and
- Provides a technical solution for unifying, grouping and disseminating useful information to broadened and targeted user bases.

WorldInfoNow offers pre-searched access and innovative linking for both users and providers of information.

Pre-Searched Access

Information from top providers is pre-searched, categorized and accessible in ready to use formats by geographic area, subject, event, and provider. Users can access geographic lineage information and “see also” links for regional groupings used by various sources. Information on select subjects is accessible via dynamic searching, indexes and cross-referencing.

Information Linking and Delivery

State of the art technology and creative use of WIN ID relationships brings new power to users and providers of information. A structured information portal is the tool through which relationships are established between and among geographic areas, subjects and information providers. Use of this tool is available to providers in a variety of techniques, from manual to dynamic feeds and pulls, to meet the needs and levels of technical sophistication of the provider. WorldInfoNow functionality can be made accessible on user and provider intranets, and integrated with internal applications and information.

WorldInfoNow provides broad value oriented benefits that meet individual and collective needs. They *can* include *all* of the following, and more:

For End Users

- Targeted information to better meet user perspective and needs
- Easy to use tool, intuitive functionality, and common data format
- Quality information from premier information sources

For Providers

- New global market visibility
- Targeted market access and penetration
- Revenue enhancement for commercial providers
-
- Mission implementation for not-for-profit and governmental providers

For Geographic Communities

- Communication tool for communities self identification
- Promotion tool for trade and economic development

Target Audience

Global citizens - businesses, governments and not-for –profit enterprises, and individuals desirous of a successful and sustainable share in a dynamic emerging economy.

- Businesses – companies, premier information providers, market research and business intelligence, sales and marketing, customer relationship
- Governments – nations, states, prefectures, provinces, counties, cities, municipalities, communities, governmental and intergovernmental organizations
- Not-for-profits – associations, educational institutions, research institutions, community based organizations
- Individuals – both sides of the digital divide

Status – What We Have to Offer

A powerful too to create economic development and develop civil society. (See Concept Overview

<http://www.shareresourcesnow.org/concept/shareresourcesnowconcept.pdf>)

- A unifying point of reference, Pre-searched information, flexi-dimensional, a public private venture of unparalleled global potential.
- Proof of concept up and running demonstrating viability of the concept (See H Solution – WorldInfoNow <http://www.resnet.org/worldinfonow/> and Proof of Concept Demo and prototype Global 360 Profiles)
- Demonstrated expertise bringing together governmental and not-for-profit entities (See Case Study – Hal of the States <http://www.resnet.org/casestudies/jointventure/>)
- Demonstrated experience bringing together information sources in world class (See Case Study – Business Intelligence Optimization <http://www.resnet.org/casestudies/businessintelligence/> and Global Sales Solution <http://www.resnet.org/casestudies/globalsales/>)

Next Steps – What We Need

- Partnership alliances
- Funding
- Technology prime-time
- Legal

Dynamic interlinking between and among Geo, Subject and Provider

Reporting

How to sell it to other companies for them to link into
(This is what will determine a technology patent?)

Win ID

Multi level search

Sorting and grouping done for the consumer

Substantively grouped

Indexing

Retrieving

Alternate bindings

Accessing

Reporting

Aggregating

Presentation

Unique keys/ids

Flexible substantive grouping

Catalogue

Directory

Grid

Encyclopedic

Current

Binding puzzle pieces

Unlimited

Multi-variate



