

Introducing Psydex AG

Powering Smarter, Faster Decisions

Psydex AG is a software solution for **Real Time** search, data mining and predictive analytics across structured and unstructured data sources. Psydex enables smarter, faster decisions in Capital Markets, DoD/Intelligence and other industries where **First-To-Know** provides a distinct advantage.

PSYDEX AG TAKES DATA PROCESSING TO THE NEXT LEVEL. ITS EXTREME.

EXTREME PERFORMANCE & SCALE

AG is based on a Massive Parallel Processing (MPP), shared-nothing architecture. This means you get a highly-scalable system using inexpensive, commodity hardware. Many machines doing lots of work in parallel = exceptional performance across very large sets of archived and real time data.

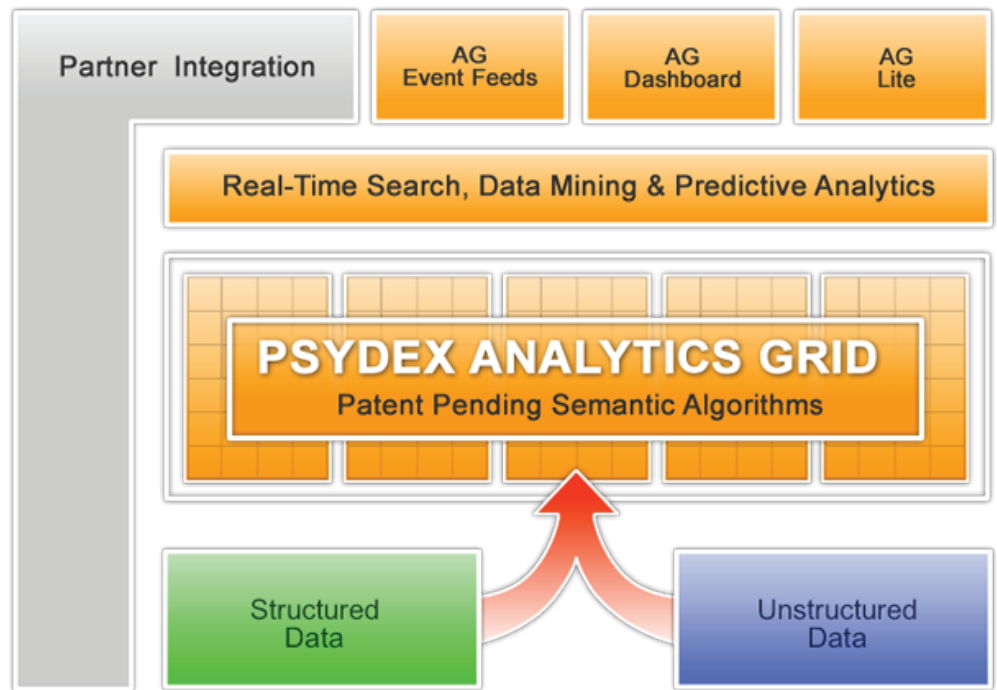
EXTREME UTILITY

With AG – you’ll know what you need to know, when you need to know it. Real Time Intelligence, built from the ground up to think like you do - perceptive, quick to connect the dots. Psydex AG leverages the latest in computational sciences and mathematics - this is the closest thing to how your mind works - looking for unusual patterns in much the same way you do.

EXTREME SIMPLICITY

AG provides simple to use applications that are geared towards the end user - ease of use with minimal installation and training. Our goal is to provide Applications, Tools and Programmatic Interfaces that allow you to get up and running fast - realizing business value quickly - but with an eye for your future needs.

— Software as a Service (SaaS) —
Psydex Managed and Customer Co-Located options available.



BUILT TO MEET THE DEMANDS OF YOUR CUSTOMERS... GIVING THEM THE ADVANTAGE.

FINANCIAL SERVICES

Financial Markets are moving faster than ever. Minimizing risk and maximizing profits depends on your ability to respond to real time news events and market data faster than your adversaries. Psydex provides the 1st mover advantage.

DOD / INTELLIGENCE

Sorting through the vast sea of chatter and identifying credible intelligence is a challenging task that must be taken seriously to insure security of US Interests. Psydex is proud to be a part of the solution that is making a difference.

ADVERTISING / MEDIA / BRANDS

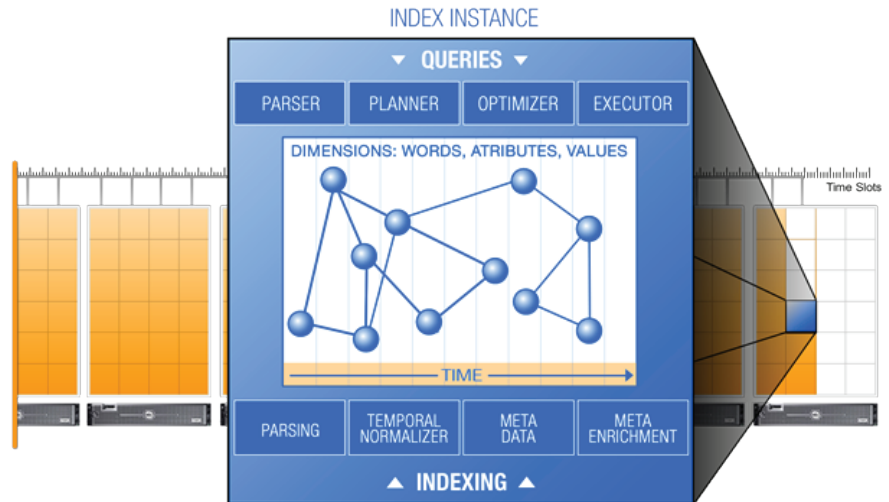
Across the internet, customers are voicing their opinions. When this information is effectively harnessed and analyzed in real time it can provide powerful insight to your brand’s equity in the marketplace and lead to smarter - more effective advertising.

THE PSYDEX AG PLATFORM. BIG DATA DRIVES BIG THINKING

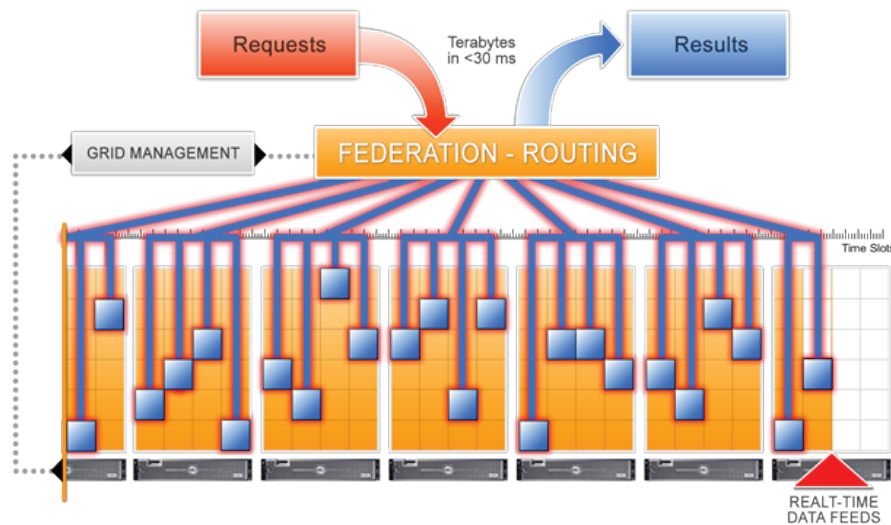
AIM = All In Memory Indexes

Indexes in Psydex AG are source specific representations of every possible way data might be queried. Indexes are constructed as AIM (All-In-Memory) dimensional graphs of words, attributes and values organized around TIME. Each source index is partitioned across Psydex AG as separate Instances each representing a time slice for a source. A typical source index might have hundreds of Instances functioning seamlessly across many nodes.

Terabytes of indexed data can be brought online in minutes with ad hoc queries executed against the data in under 30 ms



MPP = Massive Parallel Processing



Psydex is designed around a shared-nothing, MPP architecture and easily scales using commodity hardware. Federators communicate with grid managers and index instances to intelligently route requests and aggregate, collate and fuse results.

Communications between processes is based on a proprietary, compressed serialization protocol for optimized performance

PEP = Psydex Event Processing

PEP leverages the Analytics Grid to quantify and qualify real-world events with high precision and speed. The detection of “unusual” patterns and signals in real time is typically the first stage in a highly extensible process that employs domain-specific rules and a powerful model for extracting facts and figures for reasoning.

Natural language processing, regular expression chaining and smart text extraction technology yield high precision.

