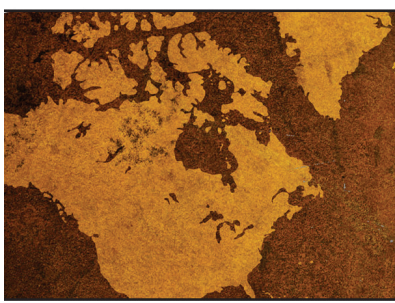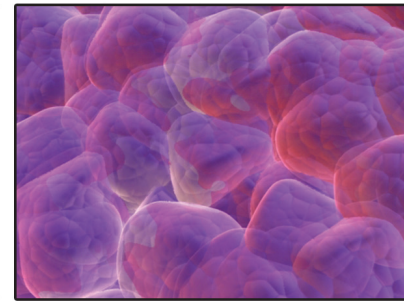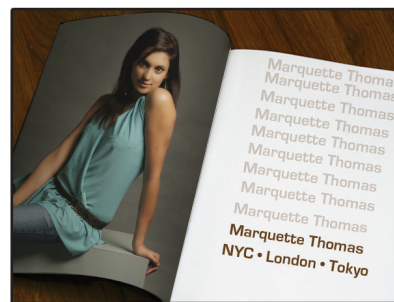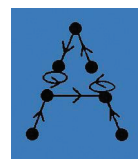# Universal
Image & Video Recognition
Software Solutions

Market Tested, Market Proven, Over and Over Again Since 1995

Auto Parts

Trademarks

Marquette Thomas
Marquette Thomas
Marquette Thomas
Marquette Thomas
Marquette Thomas
Marquette Thomas
Marquette Thomas
Marquette Thomas
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NYC • London • Tokyo

Microscopic Images

Product Labels

Images

Wheel Rims

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Improve your business with our services.
Open 7 days a week

trawand

Watchamachee movie theaters 399

WIRED technologies
stop in today and mention this ad

come eat over a
concession sta
free drinks afte

Attrasoft ImageFinder software simplifies the image recognition process by offering an alternative to traditional manual image comparison.

Attrasoft, Inc.
Image & Pattern Recognition Experts

Attrasoft develops software solutions for companies that require Fast, Accurate Image & Video Recognition.
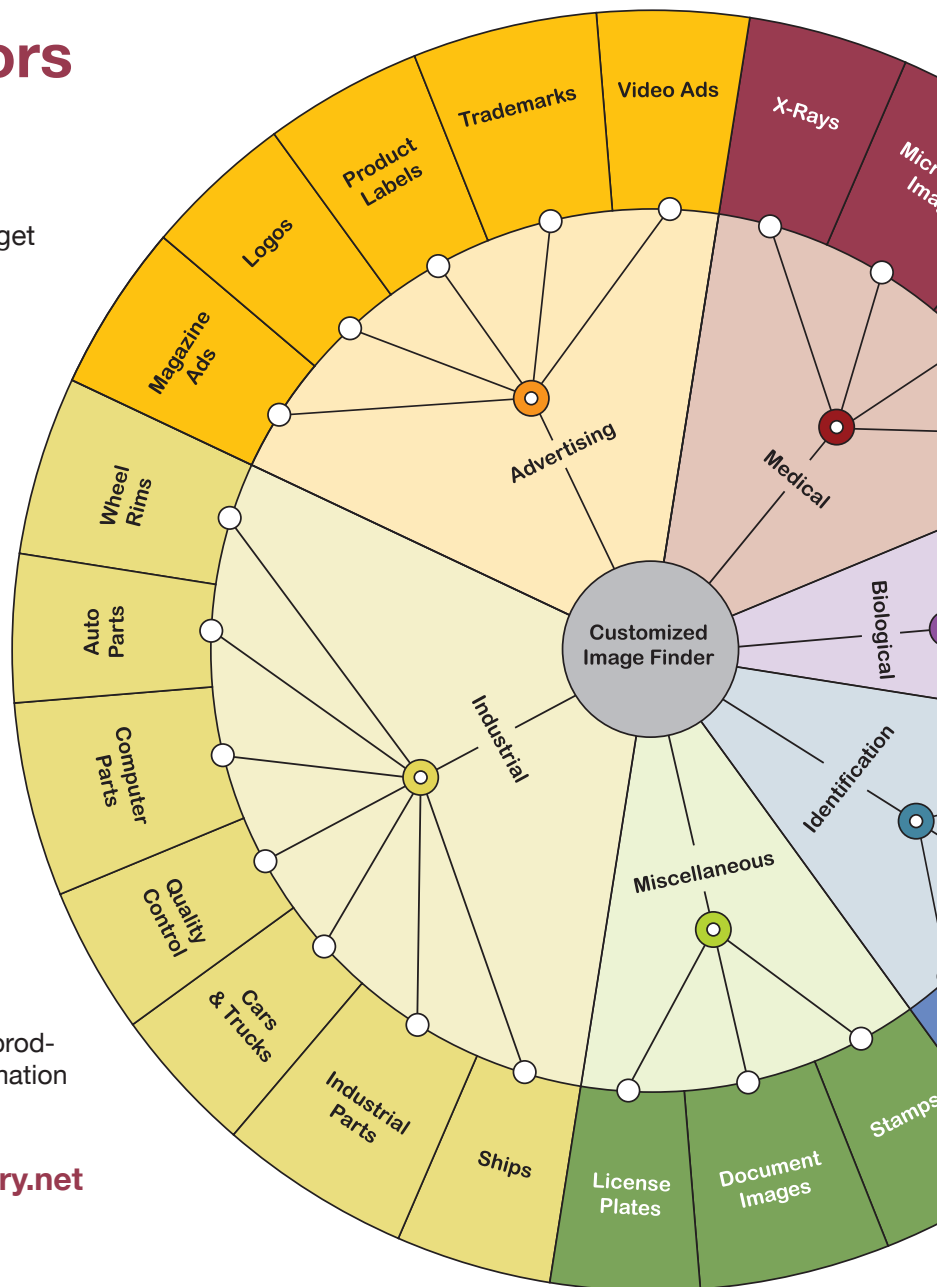
Attrasoft ImageFinder
simplifies the image recognition process by offering an alternative to traditional manual image comparison.

By allowing the user to compare thousands of images automatically, Attrasoft's solution reduces the time, cost, & human error associated with manual image recognition. The company has developed proprietary technology that is robust, scalable, & can handle any type of image with 97.5% to 99.9% accuracy.

99.9% accuracy
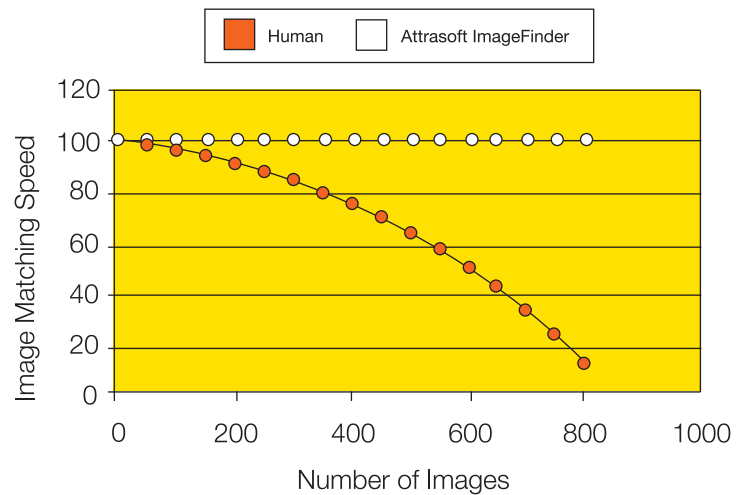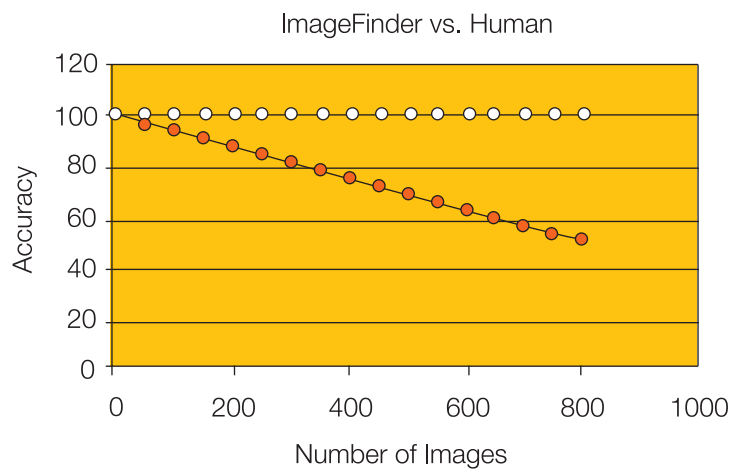### Can Find ANY Image!

The Key Differentiators

- **Universal:** Can be tuned for any image type.

- **High Accuracy Rates:** Can be calibrated to get **97.5%-99.9% accuracy.**

- **Real Time:** Can reach **100,000 to 1,000,000 matches per second** depending upon processor speed.

- **Scalability:** Can be scaled to any size database.

- **Matching:** Multi-Search Ability: ImageFinder supports 1:1 Matching (Multiple Verification), 1:N Matching (Identification or Search), N:N & N:M Matching (Multiple Identification).

- **Calibrated Solutions:** **3000+ internal parameters tuned specifically for your application requirements.**

Attrasoft is proud to offer our clients a range of products. Please consult our website for more information about our products and pricing.

www.attrasoft.com or **www.imagequery.net**

Customized Image Finder

Trademarks · Video Ads · X-Rays · Micro Image · Product Labels · Logos · Magazine Ads · Advertising · Medical · Biological · Wheel Rims · Auto Parts · Computer Parts · Industrial · Identification · Quality Control · Cars & Trucks · Miscellaneous · Industrial Parts · Ships · License Plates · Document Images · Stamps

ImageFinder vs. Human

Accuracy

120
100
80
60
40
20
0

0   200   400   600   800   1000

Number of Images

| Human | Attrasoft ImageFinder |

120
100
80
60
40
20
0

Image Matching Speed

0   200   400   600   800   1000

Number of Images

Attrasoft ImageFinder performs
Image Recognition, Retrieval, Verification, and/or Classification functions.

○ ImageFinder for Windows is an off-the-shelf application software that enables a quick testing of image recognition ideas.

○ ImageFinder for DOS is a command line software that enables a quick and dirty system integration to test product prototypes.

○ TransApplet is a .Net Class Library that enables addition of Image Recognition capability to products and services.

If you need to match hundreds of thousands of images manually, you need the versatility and strength of an

Attrasoft Customized ImageFinder!

An Attrasoft Customized ImageFinder looks at the entire image for matching purposes - not just a selected few points, enabling more accurate and more effective results.
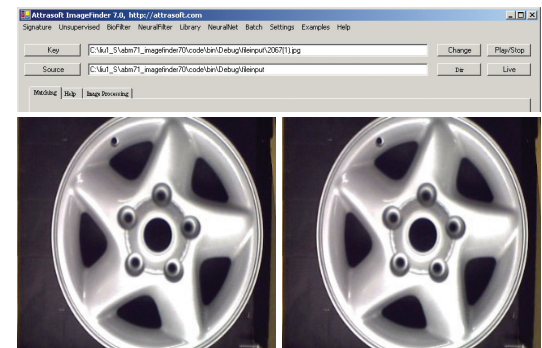
The customization opportunities are endless with a Customized ImageFinder!

Customized Examples

1 DocumentFinder: Locates and retrieves duplicate documents.

- Images
- Maps
- Tables
- Special Symbols
- Music
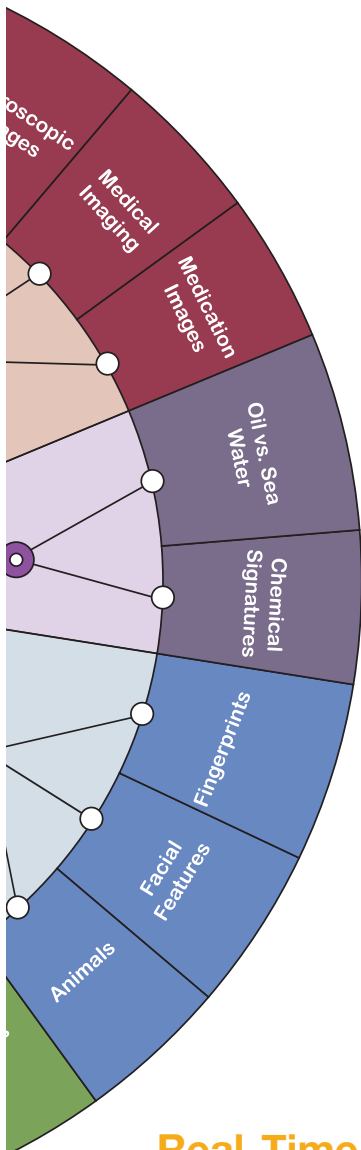- Figures Drawings
- Designs
- Handwritten Notes

2 Wheel Rims

- Original -   - Positive Match -

(Wheel diagram labels, from top: Microscopic Images, Medical Imaging, Medication Images, Oil vs. Sea Water, Chemical Signatures, Fingerprints, Facial Features, Animals)

Real-Time Image Recognition / Retrieval / Verification / Classification

www.attrasoft.com or **www.imagequery.net**   **(912) 484-1717**

Use your historical data to predict future trends.

Attrasoft PredictorPro
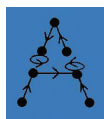
- Predict indicators / indexes
  for strategic thinking and policy issues
- Predict short and long term interest rates
- Predict earnings and revenue of a company
- Predict price fluctuations for merchandise
- Predict commodity prices *(ex. oil, corn. etc.)*
- Predict the Stock Market *(Attrasoft Dow 5 beats Down Jones)*

Find patterns in overwhelming databases.

Attrasoft DecisionMaker

Attrasoft DecisionMaker identifies patterns by analyzing overwhelming amounts of collected data. Make decisions based on patterns found within your own data. Many examples are built into the software. Two examples are:

- **Forensic Science**
- **Medical Databases** for specific diseases (cancer, heart disease, thyroid disease,....)

About Attrasoft

Attrasoft provides accurate image matching libraries for System Integrators.

Attrasoft's sustainable competitive advantage is AME (**Attrasoft Matching Engine**), an internally developed algorithm. All Attrasoft products are based on exactly the same technology, the Attrasoft Matching Engine (AME), which was developed in 1994 and implemented in 1995. Each time Attrasoft serves a customer, whether it is advertisement recognition, logos, product labels, database patterns, or stock trends, it improves and strengthens the core technology. This core technology has been polished repeatedly since 1995 and has 100% customer satisfaction.

We invite you to visit our website for more information about our products and services.

Attrasoft, Inc.
Image & Pattern Recognition Experts

PO Box 13051 • Savannah, Georgia 31406
imagefinder@attrasoft.com • 912-484-1717

Please consult our website for more information.

Attrasoft Products

ImageFinder for Windows	Service Level I
ImageFinder for DOS	Service Level II
TransApplet	Service Level III
Predictor Pro	PolyApplet
DecisionMaker	PolyNet/ABM

Customized solutions available upon request.

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