The Nirvana Club
A.I. for Traders

What is the Nirvana Club?

What is the Nirvana Club?

The Nirvana Club

Established January 1996

Mission:

Create Advanced Trading Technology in Collaboration with Nirvana Customers who share the same vision.

Nirvana Trading Assistant, 1991

Nirvana Club Overview Video

Be Sure to Watch the Nirvana Club Overview!

- **A.I. for Traders:** Why our ARM Technology is so powerful and profitable.
- **Benefits of Membership:** Proprietary Products, Discounts and more.
- **Nirvana Club Community:** Member Directory and Most Active Trader Forum in the world, plus Club Events

Visit www.TheNirvanaClub.com

How Can A.I. Help Us Make More Money?

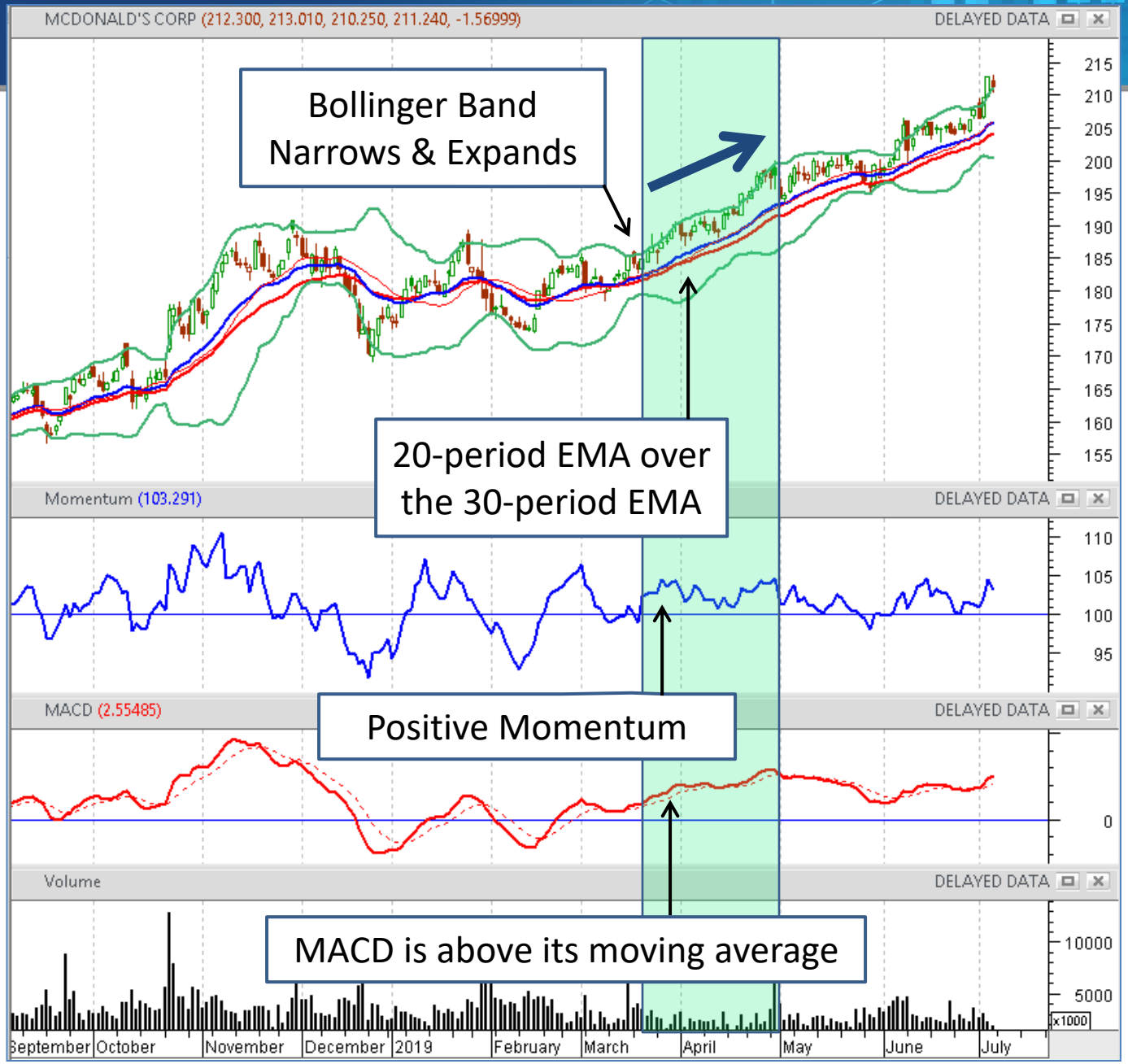
A Trading Rule

Buy When:
Bollinger Band Channel narrows and then expands.

AND
The 20-period EMA is over the 30-period...

AND
Momentum is positive...

AND
MACD is above its moving average...



There are Hundreds of Indicators...

- Acc/Swing Index
- Accumulation/Distribution
- Aroon
- Average True Range
- Bollinger Bands
- CCI-Equis
- CCI-Standard
- Chaikin A/D Oscillator
- Chaikin Money Flow
- Chande Momentum Oscillator
- Commodity Selection
- Correlation
- Dema
- Demand Index
- Detrended Price Oscillator
- Directnl Movement +DI
- Directnl Movement -DI
- Directnl Movement ADX
- Directnl Movement ADXR
- Directnl Movement DX
- Dynamic Momentum Index
- Ease of Movement
- Envelope
- Forecast Oscillator
- Fourier Transform
- Herrick Payoff Index
- Ichimoku Kinko Hyo
- Inertia
- Intraday Momentum Index
- Klinger Oscillator
- Linear Regression Indicator
- Linear Regression Slope
- MACD
- Market Facilitation Index
- Mass Index
- Median Price
- MESA Sine Wave
- Momentum
- Money Flow Index
- Moving Average
- Negative Volume Index
- On Balance Volume
- Open Interest
- Option Delta
- Option Expiration
- Option Gamma
- Option Life
- Option Price
- Option Theta
- Option Vega
- Option Volatility
- Parabolic SAR
- Performance
- Polarized Fractal Efficiency
- Positive Volume Index
- Price Channel
- Price Oscillator
- Price ROC
- Price Volume Trend
- Projection Bands
- Projection Bands
- Projection Oscillator
- QStick
- r-squared
- Random Walk Index
- Range Indicator
- Relative Momentum Index
- Relative Performance
- Relative Strength Comparative
- Relative Strength Index
- Relative Volatility Index
- Spread
- Standard Deviation
- Standard Error
- Standard Error Bands
- Stochastic Momentum Index
- Stochastic Oscillator
- Swing Index
- Tema
- Time Series Forecast
- Trade Volume Index
- TRIX
- Typical Price
- Ultimate Oscillator
- Vertical Horizontal Filter
- Volatility (Chaikin's)
- Volume
- Volume Oscillator
- Volume ROC
- Weighted Close
- Wilder's Smoothing
- Williams' %R
- Williams' Acc/Dist
- Zig Zag

Each has MANY Interpretations

Periods:

- RSI(8)
- RSI(9)
- RSI(10)
- RSI(11)
- RSI(12)
- RSI(13)
- **RSI(14)**
- RSI(15)
- RSI(16)
- RSI(17)
- Etc.

Interpretations:

- **RSI(14)** Crosses Through Zero
- **RSI(14)** Above or Below a Level
- **RSI(14)** Accelerating Up or Down
- **RSI(14)** Diverging with Price
- **RSI(14)** Moving Average Crossover
- **RSI(14)** Peak Reversal
- Momentum on **RSI(14)**
- And more..

An infinite number of possibilities

FACT: With *just 100* indicators...

There are

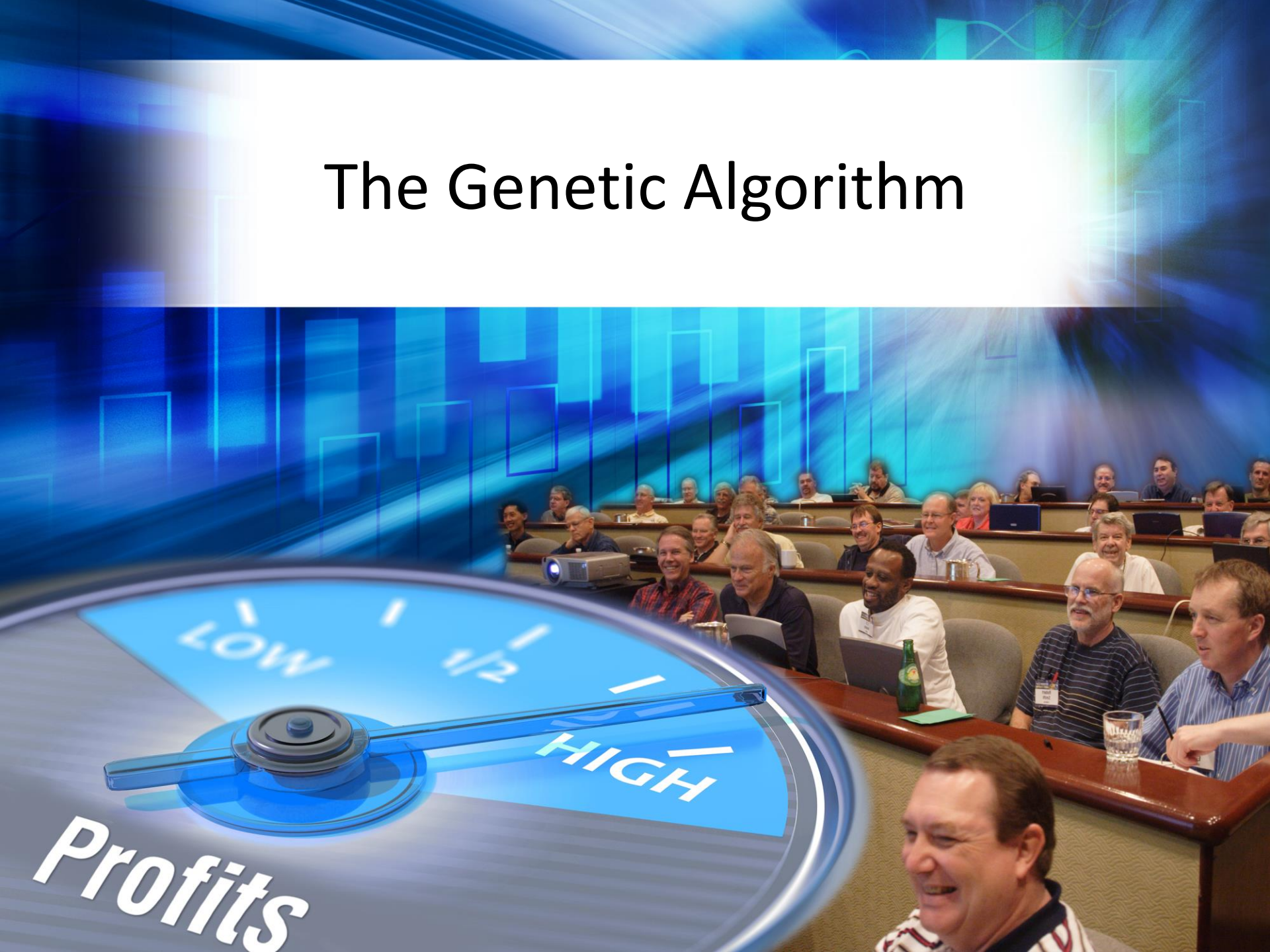
1,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000

or *2 Septillian* possible combinations!

How can we find good Trading Rules?

A.I.

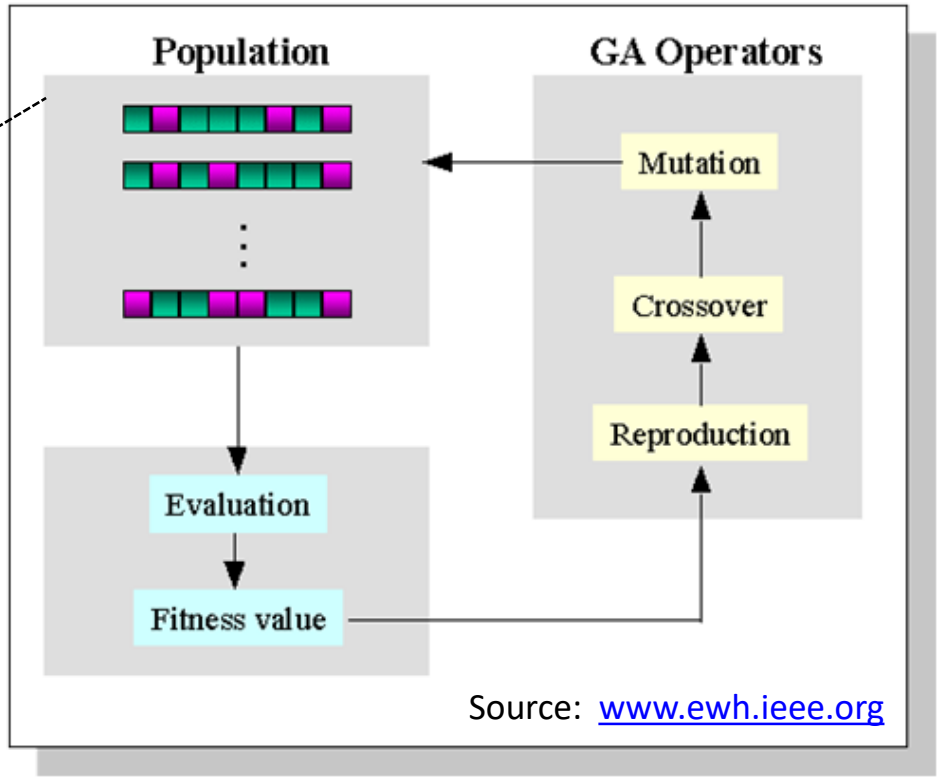
The Genetic Algorithm



Using AI to Find Profitable Rules

Chromosomes – Combinations of Genes representing Rules

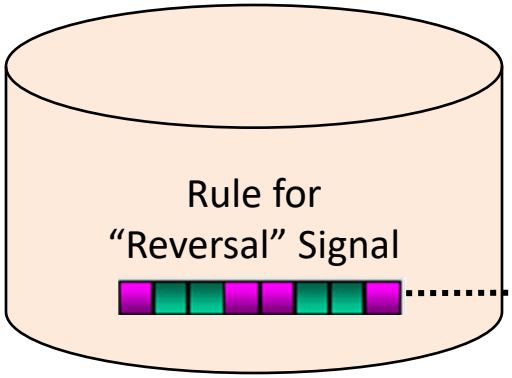
Genes – Represent an individual interpretation, like “RSI(14) < 30”



The Algorithm **EVOLVES** the Population to find profitable Rules.

Result: Knowledge Base of Rules

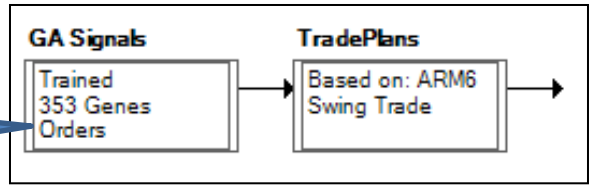
A Knowledge Base of Rules is generated that identifies Great Opportunities.



Knowledge Base of Trading Rules

An A.I. Strategy

ARM6 Strategy Block



GA Information

A Genetic Algorithm for longs was run on 5/5/2019 3:22:40 PM.
Number of Iterations: 2000.
Final fitness: 0.38191 %.
Total number of rules found: 974.
Number of collected samples: 6328.

Timeframe: DAILY.
Data Collection Date Range: 12/31/2004 8:30:00 AM
Number of Symbols: 29

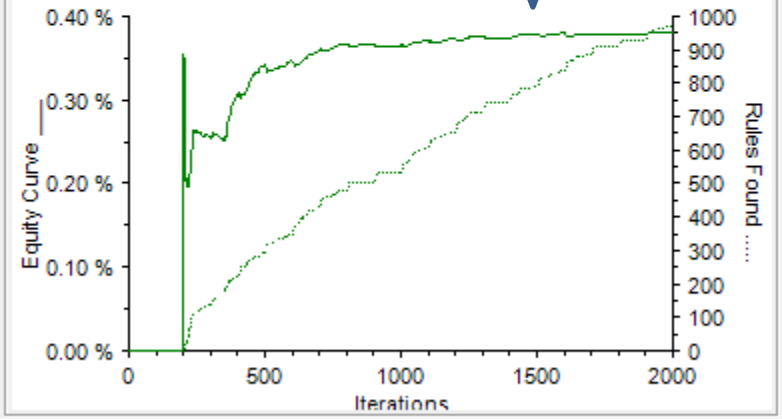
Show Disabled Genes for: (•) Longs ( ) Shorts

Indicator Inputs

#	Gene	Symbol	Timeframe	Dynamic	Signal	Req
1	TRII(60,30) > 80	SPY	Current	☑	Long	☐
2	RelMom(31,"SPY") > 0		Current	☑	Long	☐
41	CRSI (3, 2, 100)		Current	☑	Long	☐
42	CCI(14)	SPY	Current	☑	Long	☐
43	TRIX_MOM(12)		Current	☑	Long	☐
44	BOP (14)>SMA(BOP (14), 5		Current	☑	Long	☐
45	AROSC(14)		Current	☑	Long	☐
46	C>CHP (14)		Current	☑	Long	☐
47	C>Coppock (14, 11, 10)		Current	☑	Long	☐
48	ADX(14)		Current	☑	Long	☐
49	C<20	$VIX	Current	☑	Long	☐
50	VTY_PRICE(18,3)		Current	☑	Long	☐
51	RSI(6) < 30		Current	☑	Long	☐

Training Graph

Fitness Results



ARM Settings | Settings | Cancel | OK

Recent Improvements to the G.A.

ARM6 has been DRAMATICALLY Improved
with over 20 MAJOR ENHANCEMENTS

The SETI Project
- ✓ Automatic Input Upload
- ✓ Automatic Input Replacement

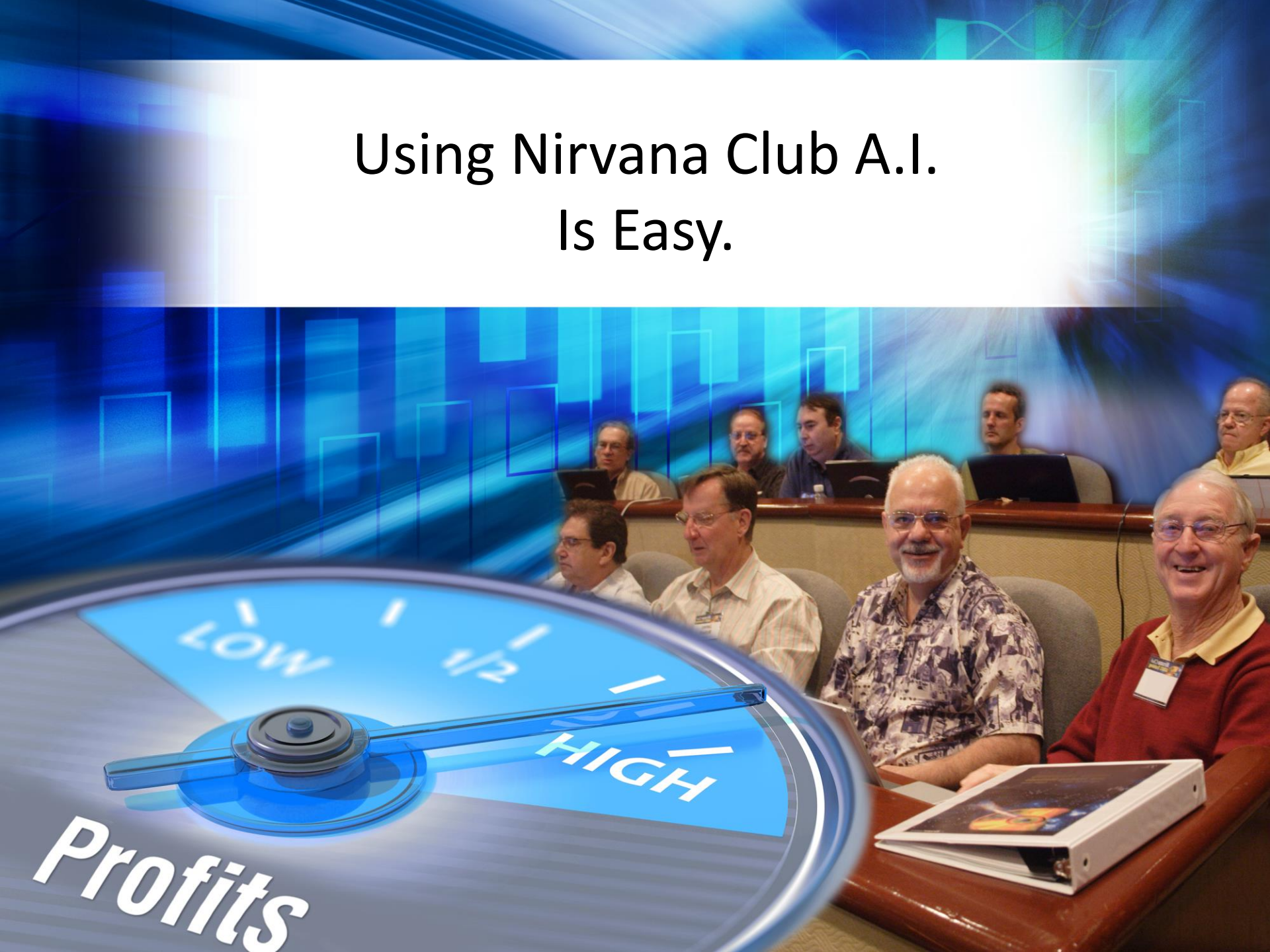
Speed Improvements
- ✓ Multi-Core Training
- ✓ Multi-Core Signal Generation

Input Enhancements
- ✓ Separating Long/Short Inputs
- ✓ Ability to Use Multiple Filters
- ✓ Synchronous Freq. Domain Inputs
- ✓ Automatic Binning & Super Inputs

Training Enhancements
- ✓ Automatic Training Constraints
- ✓ Delta Fitness Input Scoring
- ✓ Automatic Input Reduction
- ✓ Manual Input Reduction
- ✓ Able to Continue Training
- ✓ Automatic Rule Reduction
- ✓ Internal Validation

Import Inputs: NEW
- ✓ Use Existing G.A.'s
- ✓ Import the BEST Rule Inputs
- ✓ Similar to Nuclear Centrifuge Collection Process.

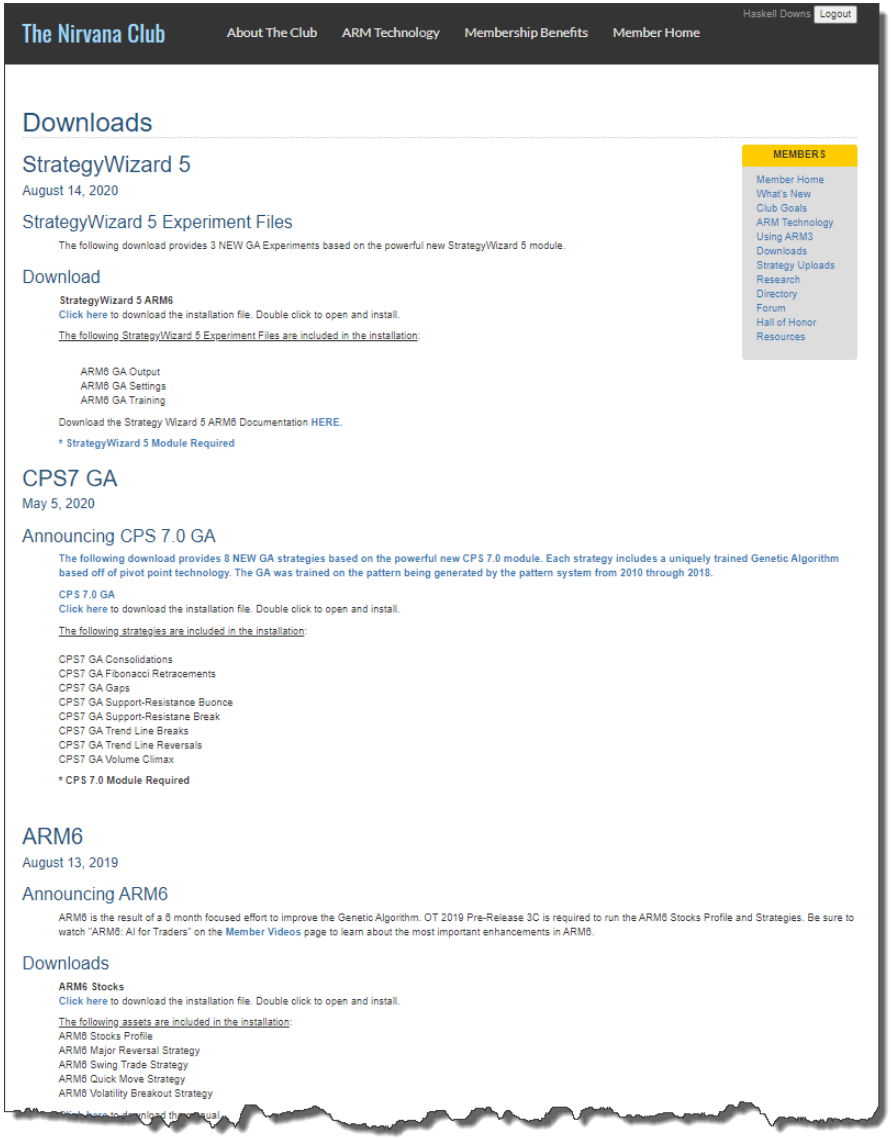
Using Nirvana Club A.I.
Is Easy.



1. Strategy Downloads

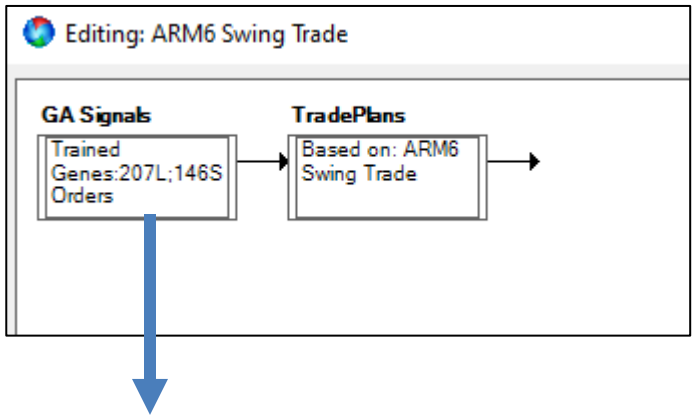
Current Members have access to all Nirvana Club Strategies we have released.

A Separate Member Page has Strategies Members have uploaded.

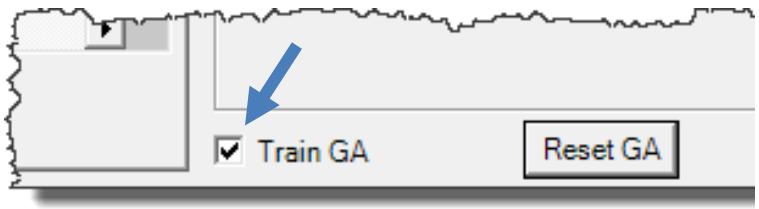


2. Re-Train on YOUR Data

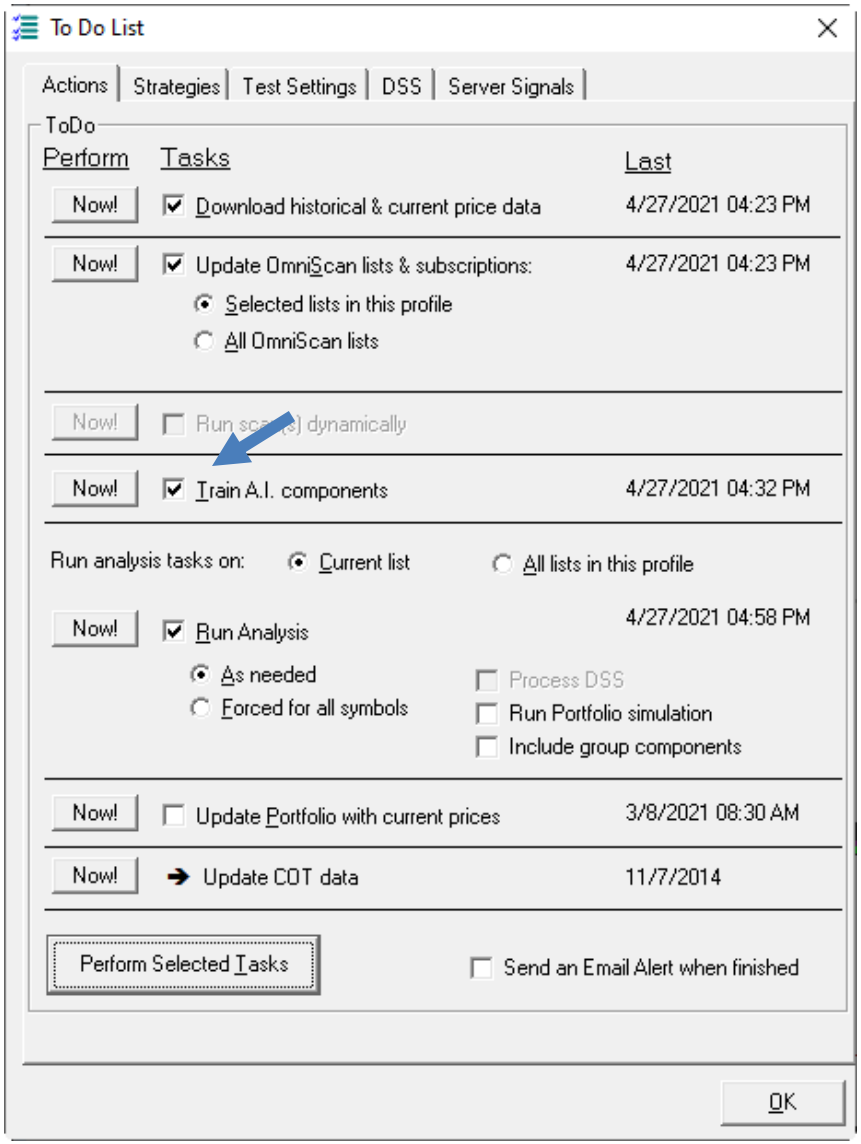
1) Open the GA Block



2) Click “Train GA”

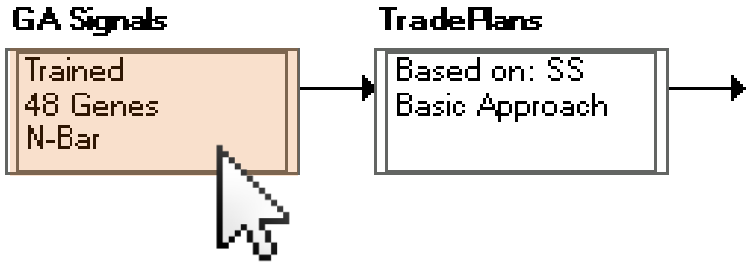


3) Click Now next to “Train AI Components”

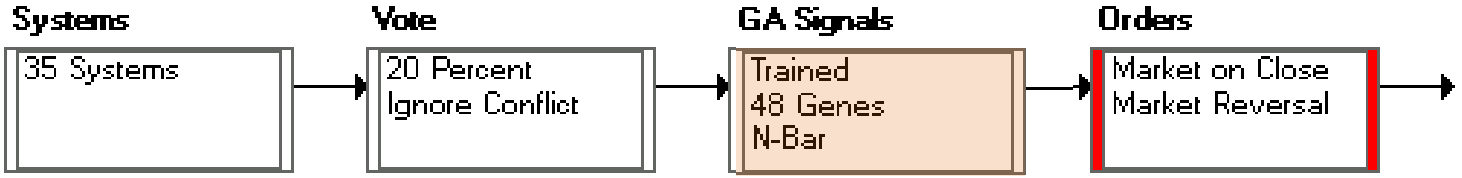


3. Copy into Other Strategies

ARM5 Strategy using a GA:



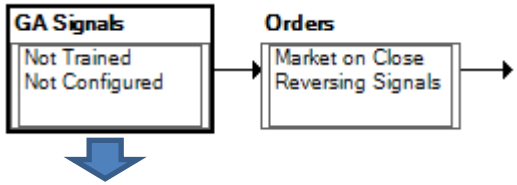
My OmniTrader Strategy:



Copy and Paste an existing A.I. Block to a new Strategy as a Filter (ahead of Trade Plan or Orders)

4. Import Genes

Start with an Empty GA



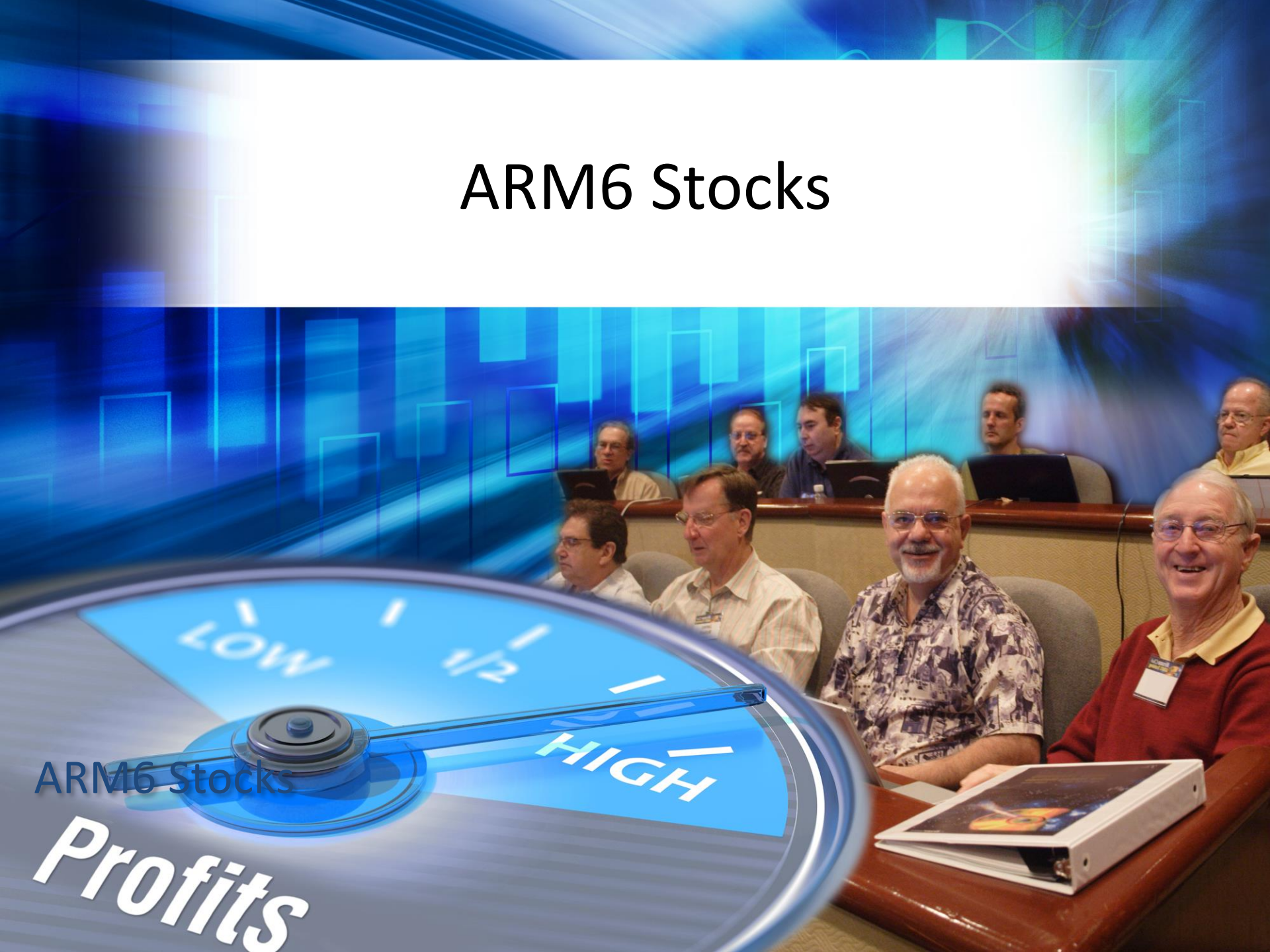
Select Strategies to Import FROM

"43 New Inputs were Added."

OK

Now, Simply Train!

ARM6 Stocks



ARM6 Stocks

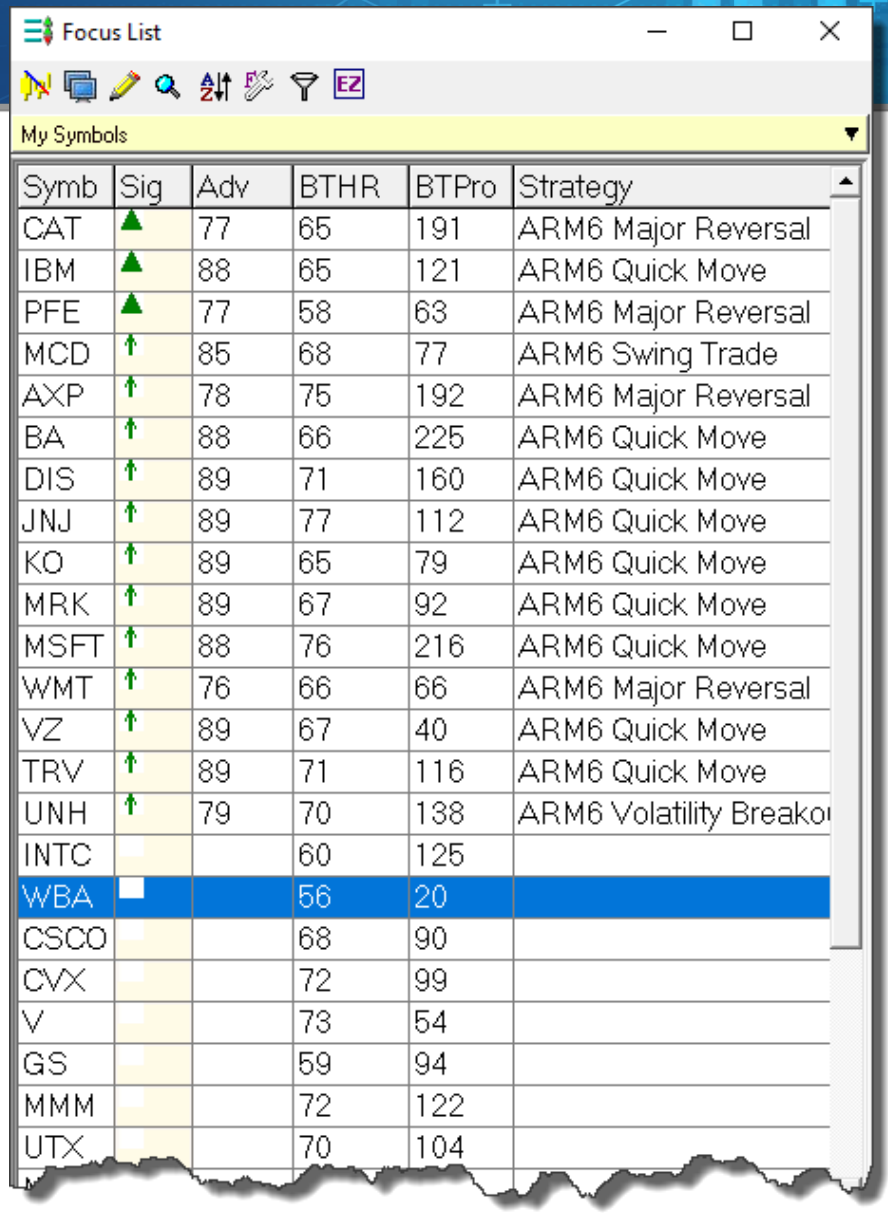
ARM6 Stocks

Comes with 4 Strategies:

- ARM6 Major Reversal
- ARM6 Swing
- ARM6 Quick Move
- ARM6 Volatility Breakout

Dow 30 on the right ...
Signals appear on HALF the list!

Run on larger lists to get a good selection of Signals every day.



Symb	Sig	Adv	BTHR	BTPro	Strategy
CAT	▲	77	65	191	ARM6 Major Reversal
IBM	▲	88	65	121	ARM6 Quick Move
PFE	▲	77	58	63	ARM6 Major Reversal
MCD	↑	85	68	77	ARM6 Swing Trade
AXP	↑	78	75	192	ARM6 Major Reversal
BA	↑	88	66	225	ARM6 Quick Move
DIS	↑	89	71	160	ARM6 Quick Move
JNJ	↑	89	77	112	ARM6 Quick Move
KO	↑	89	65	79	ARM6 Quick Move
MRK	↑	89	67	92	ARM6 Quick Move
MSFT	↑	88	76	216	ARM6 Quick Move
WMT	↑	76	66	66	ARM6 Major Reversal
VZ	↑	89	67	40	ARM6 Quick Move
TRV	↑	89	71	116	ARM6 Quick Move
UNH	↑	79	70	138	ARM6 Volatility Breako
INTC			60	125	
WBA			56	20	
CSCO			68	90	
CVX			72	99	
V			73	54	
GS			59	94	
MMM			72	122	
UTX			70	104	

Running ARM6 on the Dow 30

ARM6 Trades

VZ - VERIZON COMMUNICATIONS (DAILY)
Template: Standard
Zoom
Period
N
Symbol
.
Custom
2018
Q1
Q2
Q3
Q4
2019
Q1
Q2
Q3
VZ
60
58
55.78
54
52
50
48
55.4 M
Vote
Chart
News
Fundamentals
Research
SnapAnalyzer

ARM6 Trades

BA - BOEING (DAILY)
Template: Standard
Zoom
Period
N
Symbol
.
Custom
2018
Q1
Q2
Q3
Q4
2019
Q1
Q2
Q3
BA
460
440
420
400
380
360
337.55
320
300
280
36.9 M
Vote
Chart
News
Fundamentals
Research
SnapAnalyzer

ARM6 Trades

TRV - TRAVELERS COMPANIES (DAILY)
Template: Standard
Zoom
Period
N
Symbol
.
Custom
2018
2019
Q1
Q2
Q3
Q4
Q1
Q2
Q3
TRV
160
149.07
140
130
120
110
5.0 M
Vote
Chart
News
Fundamentals
Research
SnapAnalyzer

ARM6 Trades

VZ - VERIZON COMMUNICATIONS (DAILY)
Template: Standard
Zoom
Period
N
Symbol
.
Custom
2018
Q1
Q2
Q3
Q4
2019
Q1
Q2
Q3
VZ
60
58
55.78
54
52
50
48
55.4 M
Vote
Chart
News
Fundamentals
Research
SnapAnalyzer

ARM6 Performance

All Trades: ARM6 Major Reversal

Abbreviation	Statistic	Back Test	Forward Test
NT	Number of Trades	317	36
PT	Profitable Trades	243	28
HR%	Average Hit Rate (%)	76.66	77.78
ANP%	Average Net Profit Per Symbol (%)	46.25	10.04
PPT%	Average Net Profit Per Trade (%)	4.38	5.86
ABT	Average Bars Per Trade	42	45

	Back Test						Forward Test					
Strategy	**NT**	**PT**	**HR%**	**ANP%**	**PPT%**	**ABT**	**NT**	**PT**	**HR%**	**ANP%**	**PPT%**	**ABT**
All Strategies	1,800	1,216	67.56	113.67	1.89	21	235	170	72.34	16.19	2.07	17
ARM6 Major Reversal	317	243	76.66	46.25	4.38	42	36	28	77.78	10.04	5.86	45
ARM6 Quick Move	1,131	800	70.73	56.91	1.51	4	173	130	75.14	8.34	1.45	4
ARM6 Swing Trade	586	398	67.92	51.31	2.63	38	42	35	83.33	5.32	3.17	38
ARM6 Volatility Breakout	553	343	62.03	29.45	1.60	30	66	35	53.03	0.31	0.14	19

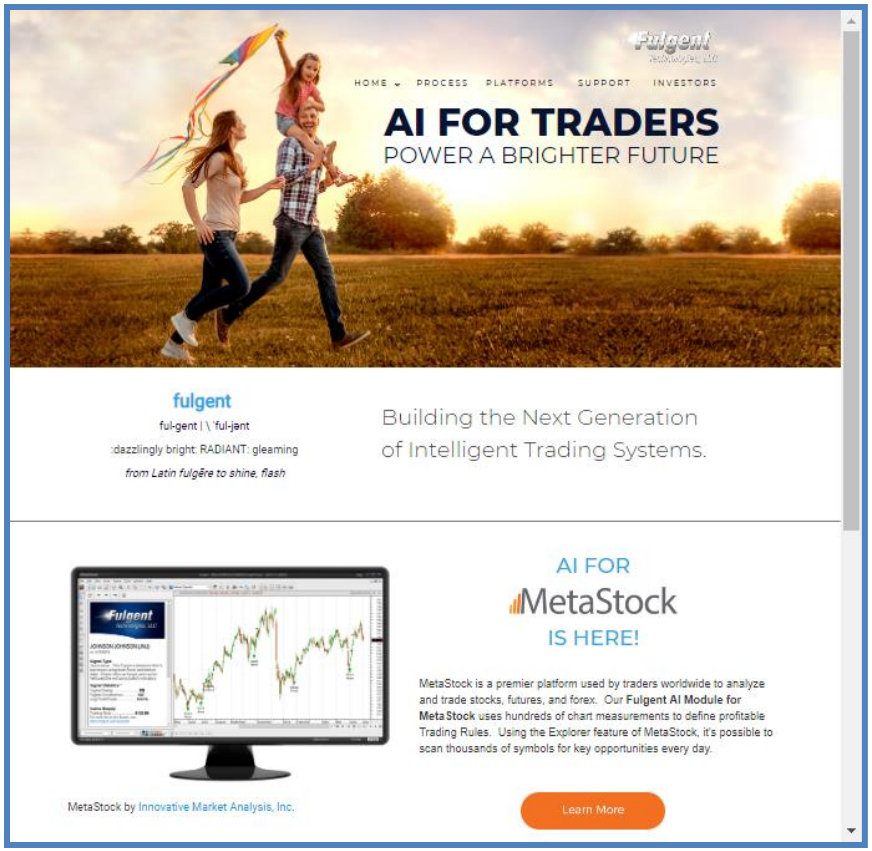
Because of the improvements in the Genetic Algorithm, we have seen Out of Sample performance in the 75%+ zone.

There’s Also Fulgent A.I.

A Nirvana Systems Company

What is Fulgent?

"Bringing AI to Traders and Investors around the world through all major platforms and on the web."



NOW for:
MetaStock
MetaTrader 4
MetaTrader 5

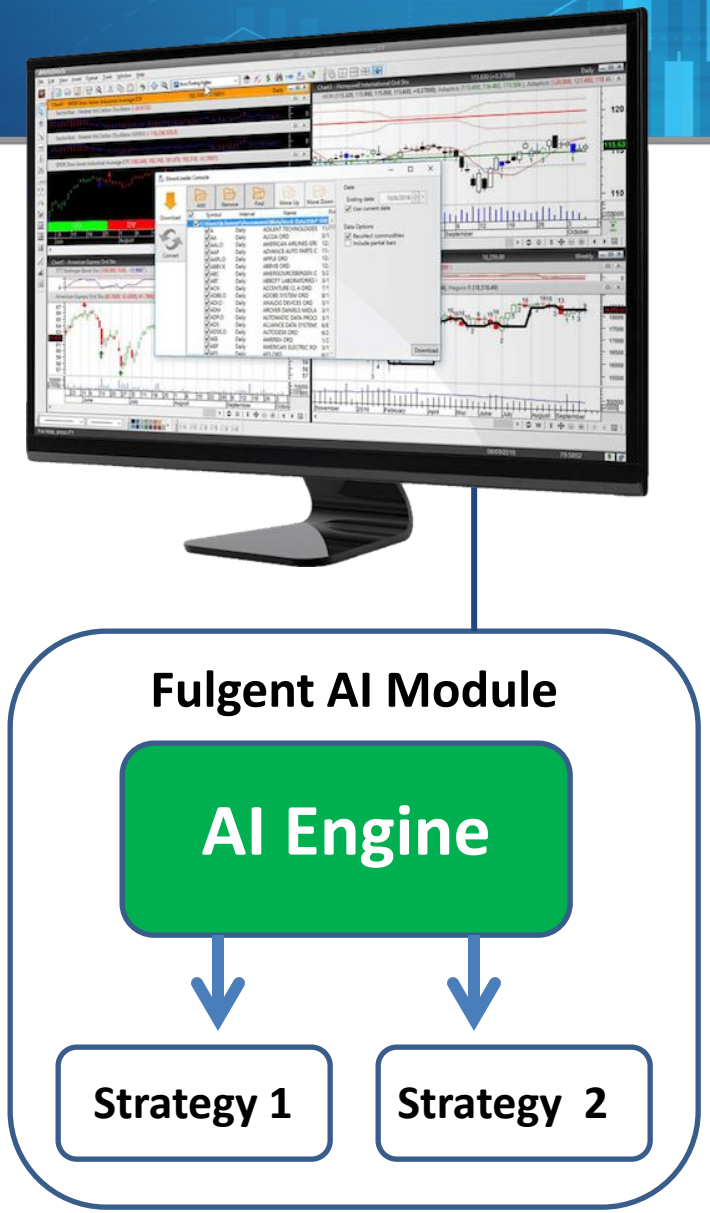
Planned for:
Ninja Trader
TradeStation
Web Platforms

www.fulgent.ai

How it Works

A Special Strategy Engine based on OmniTrader was developed that runs in the background.

Signals from installed Strategies are passed to the Client.

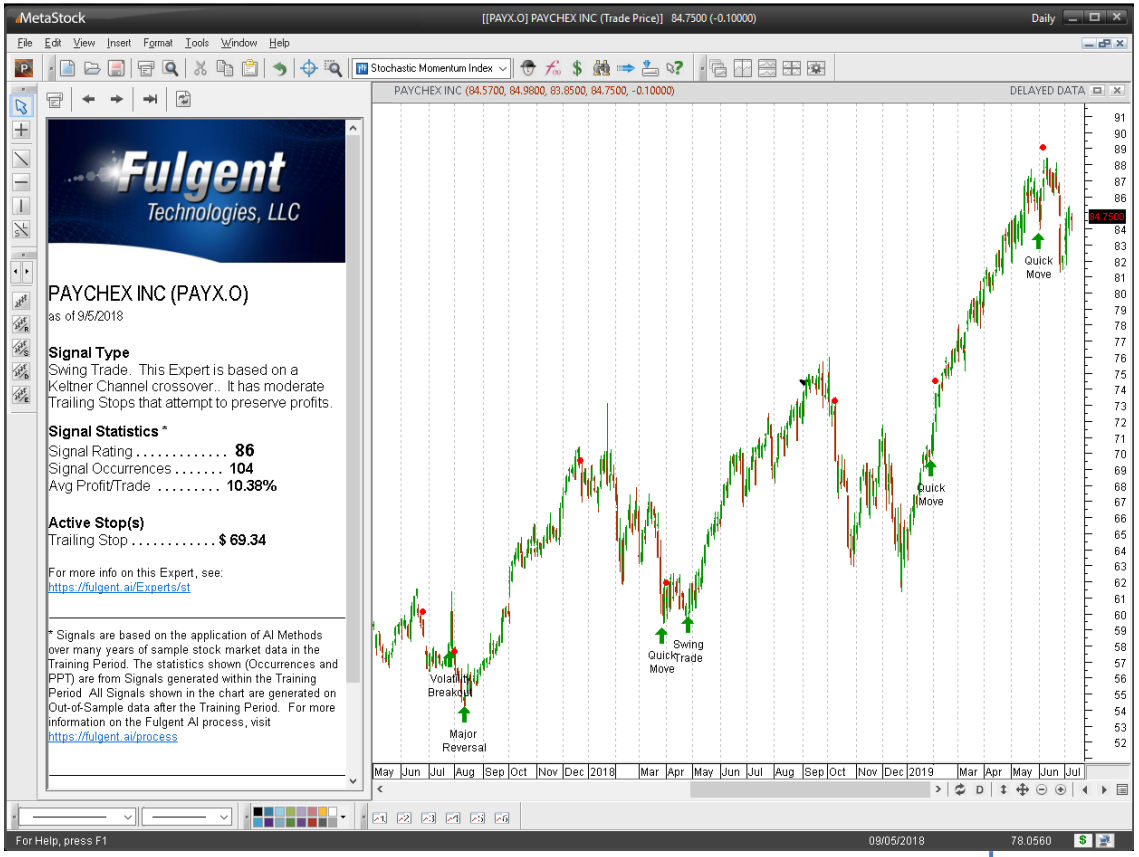


Fulgent AI for MetaStock

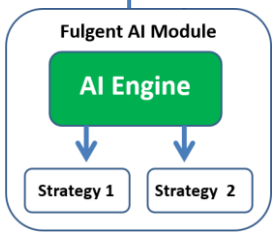
Fulgent AI for MetaStock

The Fulgent App provides MetaStock assets:

- Experts
- Explorations
- System Tests

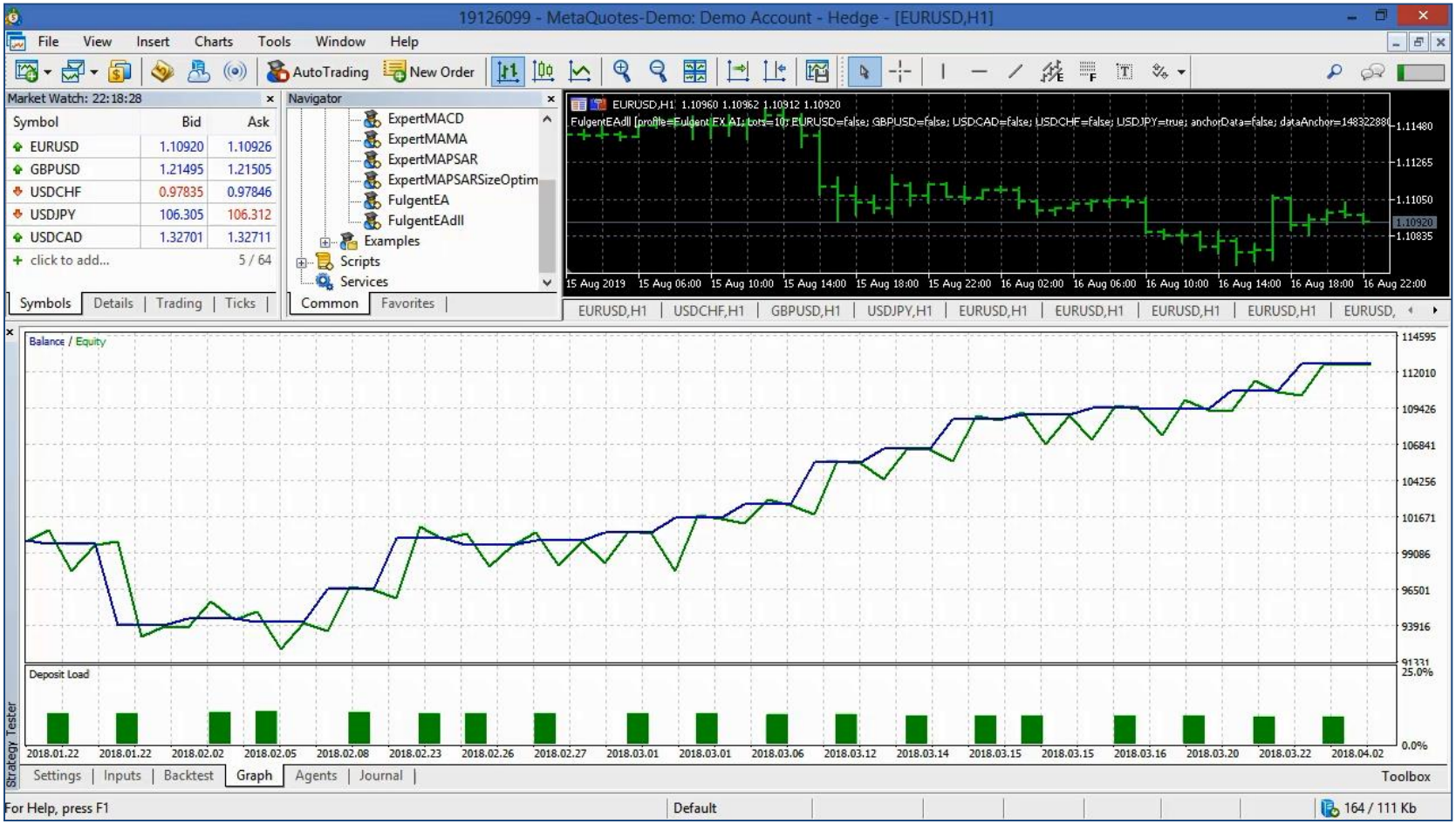


Fulgent AI for MetaStock
FT Stocks Strategy

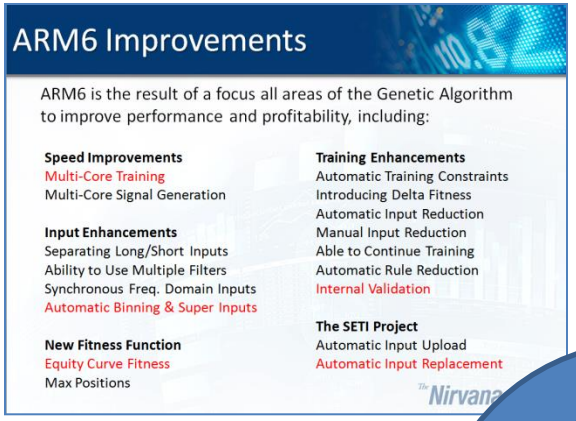


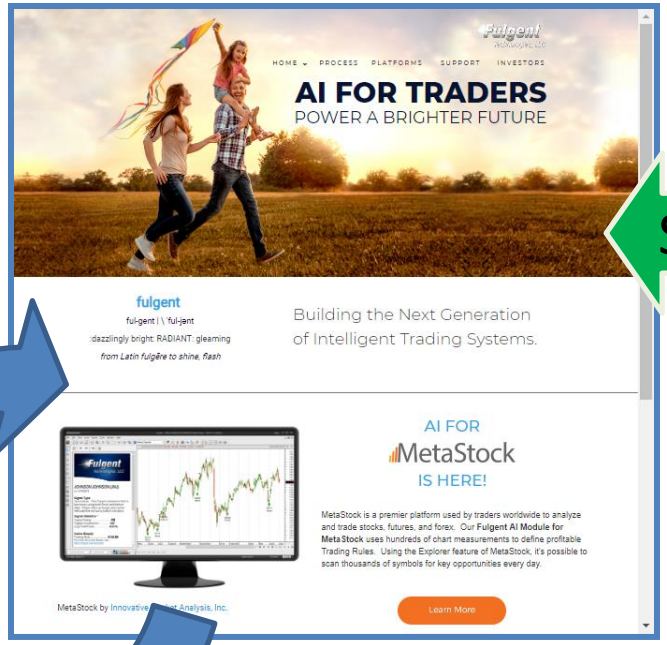
Fulgent AI for MetaTrader

FT Forex Strategy Simulation in MT5



How Fulgent Benefits Club Members





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FT Stocks

ARM6 Stocks

ARM6 Development

Fulgent is 90% owned by Nirvana Systems. Fulgent supports the development of ARM6 technology

Derivative AI Technology

omnifunds

OmniVest

The Nirvana Club

AI Strategy Development

Fulgent Version	Nirvana Club Version	Cost to buy at Fulgent	Cost to Current Members
FT Stocks	**ARM6 Stocks**	**$1,800/year**	**$0**
FT Forex	**ARM6 Forex**	**$1,800/year**	**$0**
FT Stocks RT	ARM6 Stocks RT	$3,600/year *	$0
FT Sectors	ARM6 Sectors	$3,600/year *	$0
FT Patterns	ARM6 Patterns	$1,200/year *	$0
FT Futures	ARM6 Futures	$5,000/year **	$0 (futures level)
FT Market	ARM6 Market	$1,800/year **	$0

* In Development ** Planned

The Amazing Benefits of a Nirvana Club Membership

2,000+
Members
Dedicated
to Trading

A Robust Membership

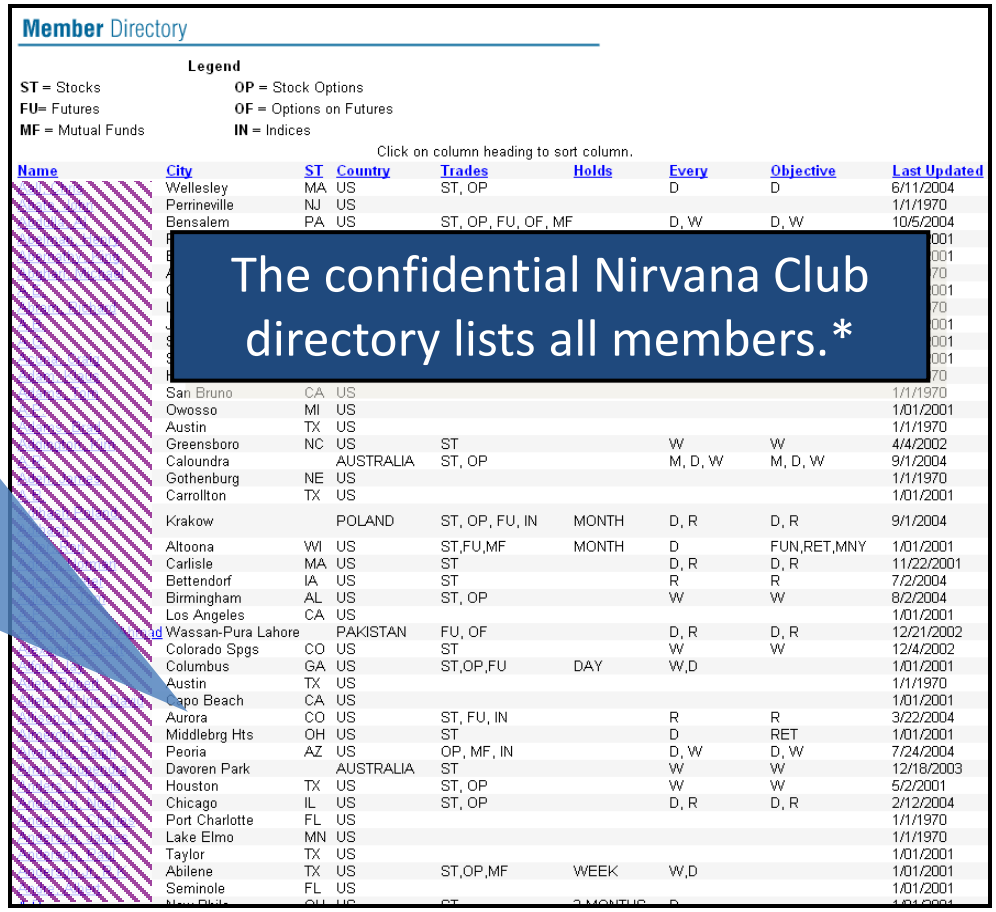
Nirvana Club BASH Event

The **Nirvana Club BASH** is held to enhance Member Experience and share New Technology.

Nirvana and its Members Share New Trading Ideas!

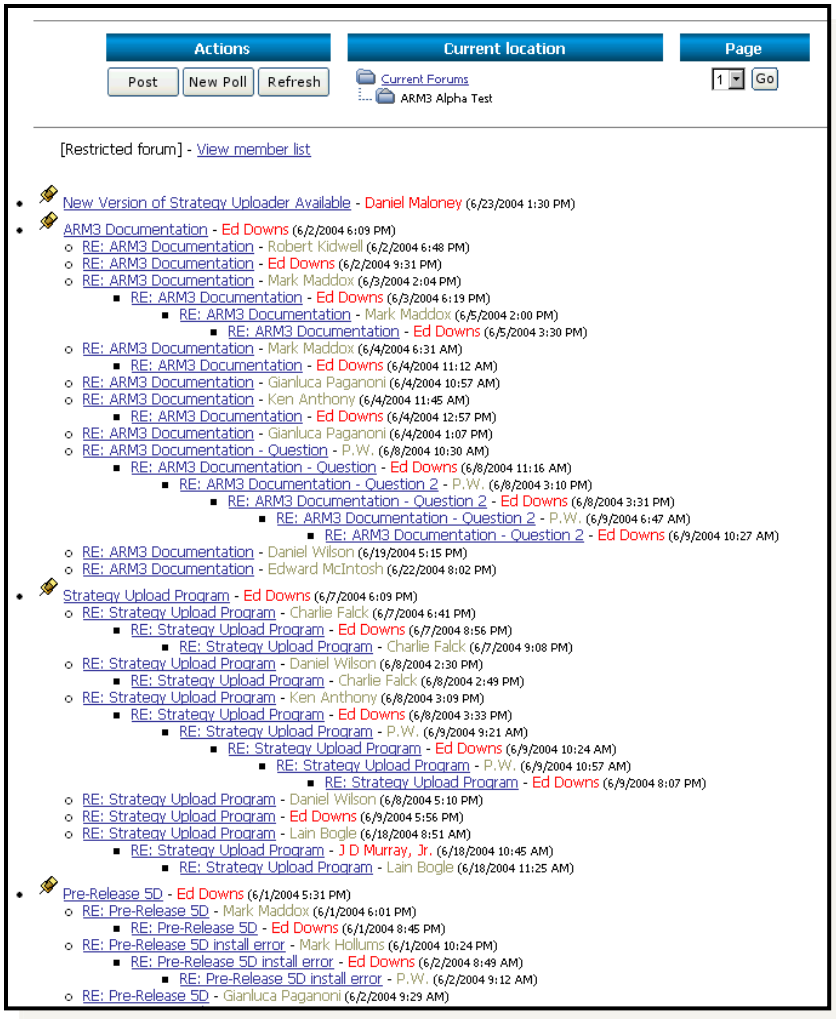
Member Directory

Members provide information on their interests & can send email through the site.



* Members have the option to list full names or abbreviations only.

Member Forums



We freely share company plans and product directions with members.

Members are helping us help them reach their goals.

There are **tens of thousands** of posts in the Club Forum.

This is a VERY active group!

Strategy Downloads

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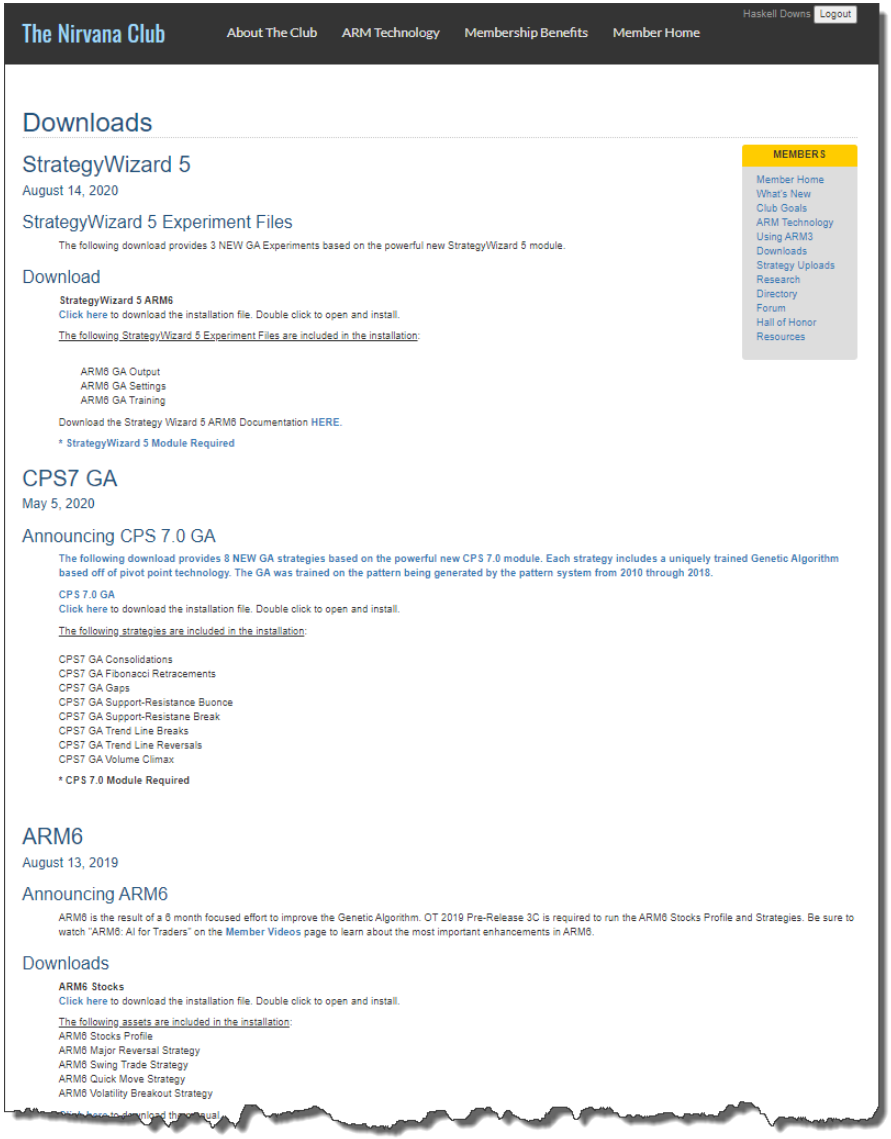


Nirvana Club Power Tools

The **Valid Trend Line System** was inspired by the work of the late J.M. Hurst.

Highly correlated Trend Lines find the earliest possible Trend Line Break point.

A Nirvana Club Exclusive!

VTL-B Signals identified nearly every turn.

Product Discounts

Members save thousands over time by virtue of their Nirvana Club membership!

Product or Service	Current Member Discount
All Software, including: • VisualTrader • Trading System Plug-InS All Seminar products: • Seminars on CD or DVD • Live Seminars • Nirvana Club BASH Event Subscriptions • **OmniData & OmniScans** • Server Scans	**30%** **Significant Savings!**

Nirvana Club BASH Event

The Nirvana Club BASH is FREE for Members

Bash Presentations on:

- Education
- Company News
- New Products
- UTM Update

The BASH is held on-line or in Austin, Texas

NOTHING Beats the Club.

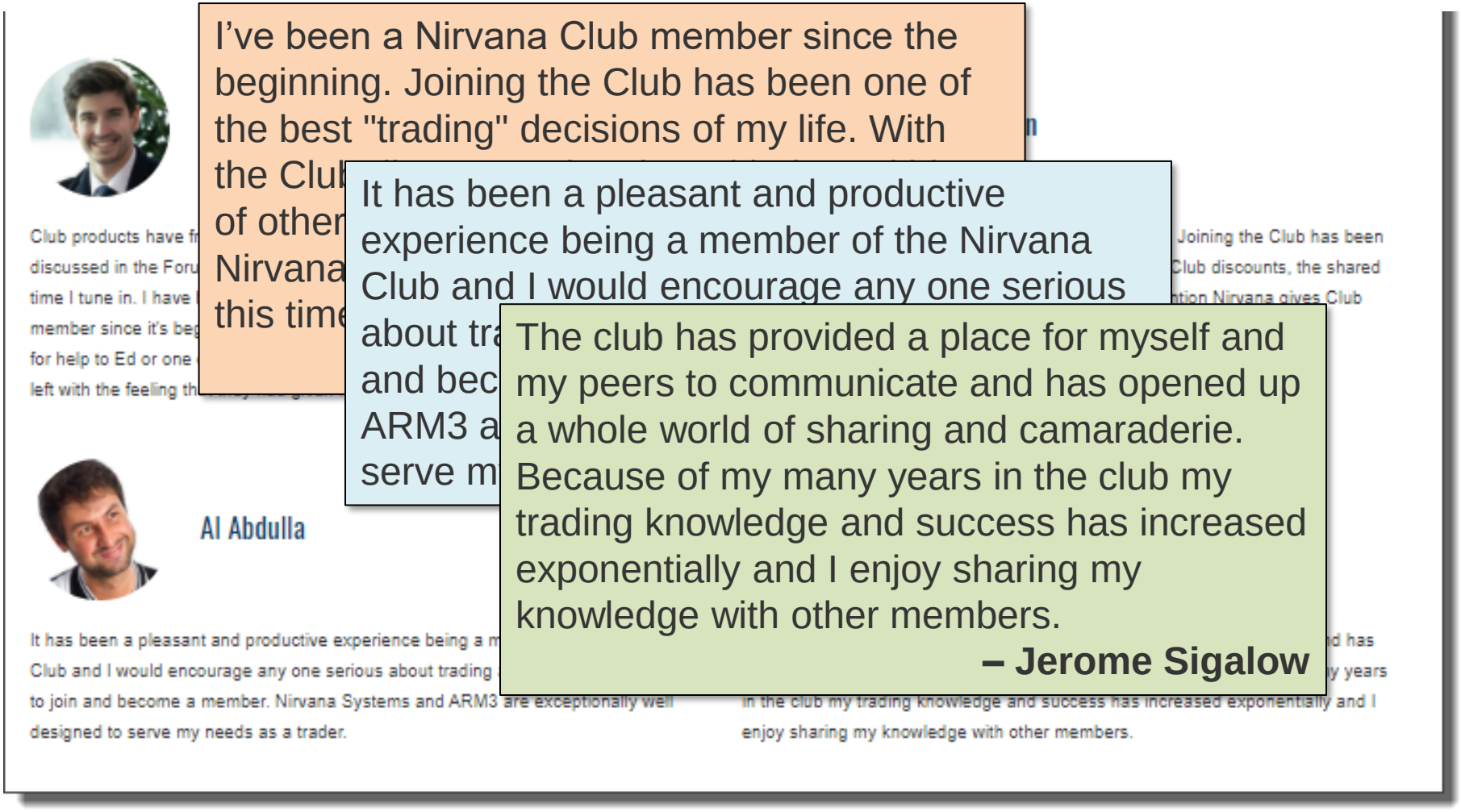
"The Nirvana Club is the best way to improve your trading, develop friendships and make money!"
- Reece Beane

Many Trading Systems cost $3,000 to $10,000. And that's all you get!

A Nirvana Club membership pays dividends for years to come.

What Members are Saying

Members talk about their Nirvana Club Experience…



I've been a Nirvana Club member since the beginning. Joining the Club has been one of the best "trading" decisions of my life. With the Club
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Nirvana
this time

It has been a pleasant and productive experience being a member of the Nirvana Club and I would encourage any one serious about tra
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The club has provided a place for myself and my peers to communicate and has opened up a whole world of sharing and camaraderie. Because of my many years in the club my trading knowledge and success has increased exponentially and I enjoy sharing my knowledge with other members.

– Jerome Sigalow

Hundreds More at www.TheNirvanaClub.com

Special Offer

The Nirvana Club

Established January 1996

Value has been steadily increased since the Club was established with

- Many A.I. Strategies
- Proprietary Trading Tools
- Trading Education
- Over 2,000 Members
- Product & Data Discounts

Nirvana Trading Assistant, 1991

Visit www.TheNirvanaClub.com

Click “Join Now” or “How to Join” for current pricing.

The Nirvana Club
A.I. for Traders