Global investing with Satrix





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Who is Satrix?

We are a leading provider of index-tracking investment products in South Africa, with over R100 billion in assets under management invested in our range of ETFs (exchange traded funds), index-tracking unit trusts and segregated portfolios.

We have been tracking market indices since 2000 when we launched the very first exchange traded fund in South Africa, our flagship Satrix Top 40 ETF. Since then we have developed many innovative index-tracking products across a diverse range of asset classes and regions.

Satrix Global ETFs

Why international investing makes sense

While South Africa has world class companies to invest in, there are many industries, economic regimes and currencies you are simply not able to access by keeping all your capital in domestic assets.

To add some perspective, South Africa is 1 of 26 emerging market countries globally, and there are a further 23 countries classified as developed markets.

By adding exposure to international companies you are **diversifying your investment portfolio** to include global markets and industries which complement your local holdings. You also add diversification through exposure to the currencies of the different countries.

The Satrix global ETFs also offer a currency hedge which means you are protected in times of Rand weakness. The Satrix product suite has four ETFs, allowing you to own the global market.

Satrix MSCI World ETF

Satrix MSCI Emerging Markets ETF

Satrix S&P 500 ETF

Satrix Nasdaq 100 ETF

The income from the underlying securities is automatically reinvested, therefore these total return ETFs do not make distributions.

Risks

Investing in equities is high risk and international equities are no different. By investing in equities you increase the probability of higher returns, but you do introduce volatility into your portfolio in the short to medium term. **Equity investing should always be viewed as long term.**

Since you are investing South African rand to access US dollar based indices, you are also exposed to exchange rate risk. This means that your performance will be positively affected if the rand weakens against the dollar, and negatively affected if the rand strengthens. "UNFORTUNATELY, MANY INVESTORS HAVE PORTFOLIOS THAT INVEST IN ONLY ONE COUNTRY... THEIR OWN. I SEE THIS AS A BIG MISTAKE BECAUSE THEY ARE MISSING OUT ON POTENTIAL OPPORTUNITIES ALL OVER THE GLOBE." MARK MOBIUS, TEMPLETON

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SATRIX MAKES IT EASY TO ACCESS THE POWER OF GLOBAL MARKETS



Easy access to global markets

International investing is not as daunting as you may think. With Satrix ETFs you can have **low-cost** access to global markets in a single transaction.

Our global ETFs are listed on the JSE which means you **can invest in them in South African rands**. You are therefore not subject to any exchange control processes. If you invest via our SatrixNOW.co.za platform, there is **no minimum investment amount** and you can do it **all online**.

If you already have a personal stockbroking account, simply contact your broker to invest.

Satrix ETFs are also available on other transacting platforms like etfSA, EasyEquities, iTransact and Standard Bank online... to name a few.

The Satrix global ETF range is also also available on the **Glacier platform**.

Satrix MSCI World ETF

Allows you to invest in global developed markets in a single trade.

Which index does it track?

The **MSCI World Index** represents large and mid cap companies across 23 developed markets globally. The index covers approximately 85% of the free float-adjusted market capitalization in each country.

Launch date:

The Satrix MSCI World ETF was launched on **25 July 2017.**

The Total Expense Ratio is 0.35% p.a and calculated over 1 year Risk profile: High

Satrix aims to replicate the index by investing in the iShares Core MSCI World UCITS ETF

INDEX TOP 10 CONSTITUENTS

COMPANY	COUNTRY	INDEX WEIGHT (%)	SECTOR
APPLE INC	USA	2,97	Information Technology
MICROSOFT CORP	USA	2,56	Information Technology
AMAZON.COM INC	USA	1,74	Consumer Discretionary
FACEBOOK INC A	USA	1,11	Communication Services
JPMORGAN CHASE & CO	USA	1,00	Financials
ALPHABET INC C	USA	0,94	Communication Services
ALPHABET INC A	USA	0,90	Communication Services
JOHNSON & JOHNSON	USA	0,86	Health Care
VISA INC	China	0,73	Information Technology
NESTLE SA	USA	0,72	Consumer Staples
TOTAL		13,52	

MSCI World Index data 31 December 2019



■ Information Technology

Consumer Discretionary Communication Services

Consumer Staples

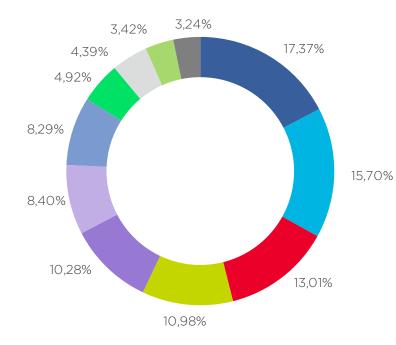
Financials

Energy Materials Utilities

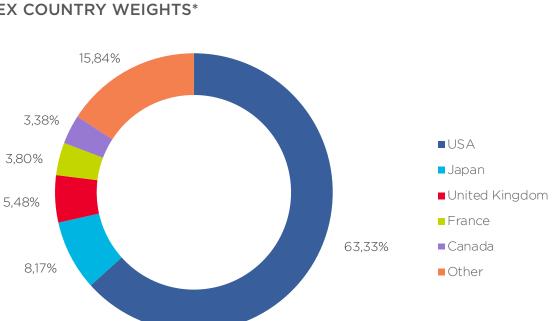
■ Real Estate

■ Health Care Industrials

INDEX SECTOR WEIGHTS*



INDEX COUNTRY WEIGHTS*



*MSCI World Index data 31 December 2019

INDEX NET TOTAL RETURN TO 31 DECEMBER 2019

MSCI WORLD	1 YEAR	3 YEAR	5 YEAR
In USD	27,67%	12,57%	8,74%
In ZAR	24,11%	13,40%	12,94%

Source: MSCI

Index returns for periods longer than 1 year are annualised

Satrix MSCI Emerging Markets ETF

Allows you to invest in global emerging markets in a single trade.

Launch date:

The Satrix MSCI Emerging Markets ETF was launched on **25 July 2017.**

Which index does it track?

The MSCI Emerging Markets Investable Market Index (IMI)

represents large, mid and small cap companies across 26 emerging market countries. The index covers approximately 99% of the free floatadjusted market capitalization in each country.

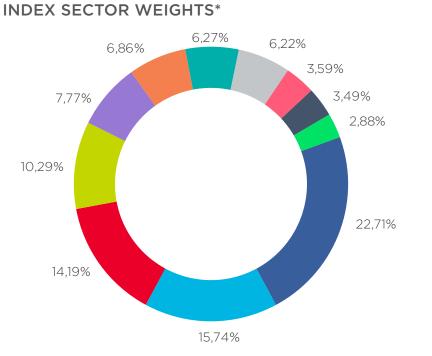
The Total Expense Ratio is 0.40% p.a and calculated over 1 year Risk profile: High

Satrix aims to replicate the index by investing in the iShares Core MSCI Emerging Markets IMI UCITS ETF

INDEX TOP 10 CONSTITUENTS

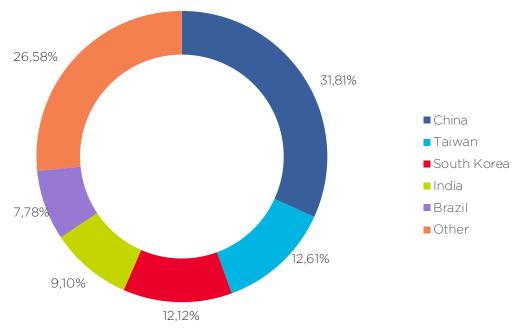
COMPANY	COUNTRY	INDEX WEIGHT (%)	SECTOR
ALIBABA GROUP HLDG ADR	China	5,17	Consumer Discretionary
TENCENT HOLDINGS LI (CN)	China	3,98	Communication Services
TAIWAN SEMICONDUCTOR MFG	Taiwan	3,92	Information Technology
SAMSUNG ELECTRONICS CO	South Korea	3,32	Information Technology
CHINA CONSTRUCTION BK H	China	1,20	Financials
NASPERS N	South Africa	1,03	Consumer Discretionary
PING AN INSURANCE H	China	0,95	Financials
RELIANCE INDUSTRIES	India	0,87	Energy
HOUSING DEV FINANCE CORP	India	0,80	Financials
CHINA MOBILE CN	China	0,74	Communication Services
TOTAL		21,98	







INDEX COUNTRY WEIGHTS*



*MSCI Emerging Markets Investable Market Index (IMI) data 31 December 2019

INDEX NET TOTAL RETURN TO 31 DECEMBER 2019

MSCI EMERGING MARKETS IMI	1 YEAR	3 YEAR	5 YEAR
In USD	17,65%	11,00%	5,30%
in ZAR	14,37%	11,81%	9,37%

Source: MSCI

Index returns for periods longer than 1 year are annualised

Satrix S&P 500 ETF

Allows you to invest in the US market in a single trade.

Which index does it track?

The **S&P 500**° **index** is widely regarded as the best single gauge of large-cap U.S. equities. The index includes 500 leading companies and captures approximately 80% coverage of available market capitalization.

Launch date:

The Satrix S&P 500 ETF was launched on **25 July 2017.**

The Total Expense Ratio is 0.25% p.a and calculated over 1 year Risk profile: High

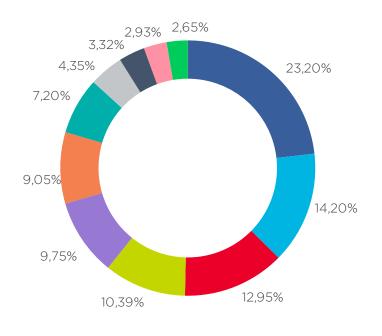
Satrix aims to replicate the index by investing in the iShares Core S&P 500 UCITS ETF.

INDEX TOP 10 CONSTITUENTS

COMPANY	INDEX WEIGHT (%)	SECTOR
APPLE INC	4,58	Information Technology
MICROSOFT CORP	4,50	Information Technology
AMAZON.COM INC	2,88	Consumer Discretionary
FACEBOOK INC A	1,85	Communication Services
BERKSHIRE HATHAWAY INC	1,66	Financials
JPMORGAN CHASE & CO	1,63	Financials
ALPHABET INC A	1,50	Communication Services
ALPHABET INC C	1,49	Communication Services
JOHNSON & JOHNSON	1,43	Health Care
VISA INC	1,20	Information Technology
TOTAL	22,72	



INDEX SECTOR WEIGHTS



- Information Technology
- Health Care
- Financials
- Communication Services
- Consumer Discretionary
- Industrials
- Consumer Staples
- Energy
- Utilities
- Real Estate
- Materials

S&P 500® index data 31 December 2019

INDEX NET TOTAL RETURN TO 31 DECEMBER 2019

S&P500®	1 YEAR	3 YEAR	5 YEAR
In USD	30,70%	14,59%	11,01%
in ZAR	27,05%	15,43%	15,30%

Source: S&P Dow Jones Index returns for periods longer than 1 year are annualised



Satrix Nasdaq 100 ETF

Invest in the index that is home to the leading names in innovation.

Which index does it track?

The Nasdaq-100[®] Index includes 100+ of the largest domestic and international non-financial securities listed on The Nasdaq Stock Market based on market capitalization. It is home to the most innovative companies across major industry groups including computer hardware and software, telecommunications, retail/wholesale trade and biotechnology.

Launch date:

The Satrix Nasdaq 100 ETF was launched on **10 April 2018.**

The Total Expense Ratio is 0.48% p.a and calculated over 1 year Risk profile: High

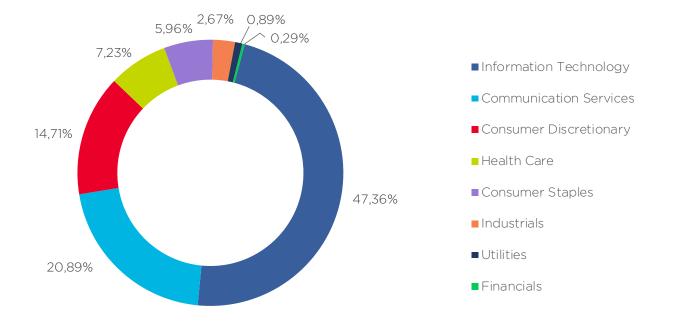
Satrix aims to replicate the index by investing in the iShares NASDAQ 100 UCITS ETF

INDEX TOP 10 CONSTITUENTS

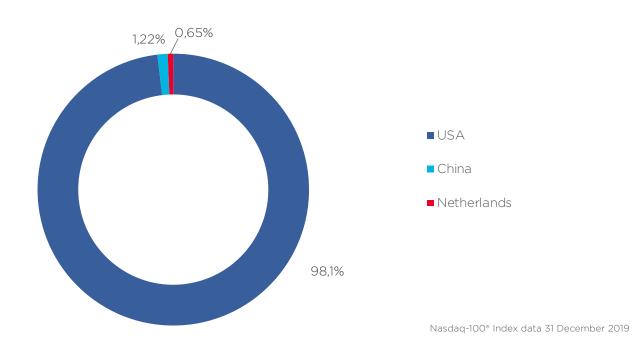
COMPANY	INDEX WEIGHT (%)	SECTOR
APPLE INC	11,60	Information Technology
MICROSOFT CORP	10,69	Information Technology
AMAZON.COM INC	8,14	Consumer Discretionary
FACEBOOK INC A	4,39	Communication Services
ALPHABET INC A	4,09	Communication Services
ALPHABET INC C	4,08	Communication Services
INTEL CORP	2,95	Information Technology
COMCAST CORP	2,31	Communication Services
CISCO SYSTEMS INC	2,31	Information Technology
PEPSICO INC	2,16	Consumer Staples
TOTAL	52,74	



INDEX SECTOR WEIGHTS



INDEX COUNTRY WEIGHTS*



INDEX NET TOTAL RETURN TO 31 DECEMBER 2019

NASDAQ 100	1 YEAR	3 YEAR	5 YEAR
In USD	38,99%	22,46%	16,49%
in ZAR	35,11%	23,36%	21,00%

Source: Nasdaq

Index returns for periods longer than 1 year are annualised

Satrix ETF product range

Our local and global ETFs are managed by the Satrix investment team. They are listed on the JSE and traded in South African Rand.

All Satrix ETFs are available as Tax-free savings accounts (TFSA).

Local Exposure

The portfolio of assets underlying each ETF tracks the specified index by full replication. This means that the portfolio physically holds each share in the index in exactly the same weight as the index.

Global Exposure

Each of the 4 global ETFs replicate the specified index by investing in BlackRock iShares® Core series UCITS ETFs*.

LOCAL SATRIX ETF	JSE CODE	INDEX
SATRIX 40	STX40	FTSE/JSE Alsi 40
SATRIX SWIX 40	STXSWX	FTSE/JSE Swix 40
SATRIX INDI	STXIND	FTSE/JSE Industrial 25 Capped
SATRIX FINI	STXFIN	FTSE/JSE Financial 15
SATRIX RESI	STXRES	FTSE/JSE Resources 10 Capped
SATRIX DIVI +	STXDIV	FTSE/JSE Dividend Plus
SATRIX RAFI 40	STXRAF	FTSE/JSE Rafi 40
SATRIX PROPERTY	STXPRO	S&P South Africa Composite Property Capped
SATRIX ILBI	STXILB	S&P South Africa Sovereign Inflation-linked Bond 1+ Year
SATRIX QUALITY	STXQUA	S&P South Africa Quality Index
SATRIX MOMENTUM	STXMMT	Satrix Momentum Index
GLOBAL SATRIX ETF	JSE CODE	INDEX
SATRIX MSCI WORLD	STXWDM	MSCI World (Developed Markets)
SATRIX MSCI EMERGING MARKETS	STXEMG	MSCI Emerging Markets Investable Market Index (IMI)
SATRIX S&P 500	STX500	S&P 500*
SATRIX NASDAQ 100	STXNDQ	NASDAQ 100°

*iShares® are a family of exchange traded funds (ETFs) marketed and managed by BlackRock. Each share represents a portfolio of stocks designed to reflect the returns of a specific index as closely as possible. BlackRock is a global leader in investment management, risk management and advisory services for institutional and retail clients.



Satrix investment team



Helena Conradie Chief Executive Officer BSc, Msc (Cum Laude), CFA



Rick Martin Chief Financial Officer/COO: Manco BCom (Hons), CA (SA)



Siyabulela Nomoyi Quantitative Portfolio Manager BSc Hons (Maths & Maths of Stats) MPhil (Mathematics of Finance)



Yusuf Wadee

Head of Exchange Traded Products BEconSc (Actuarial, Mathematics) BSc Hons (Mathematics)



Chief Investment Officer BSc Hons (Computer Science) MBA (Finance)

Business Development Manager



Jenny Albrecht COO: Investments BCom, CFA



Nonhlanhla Mphelo Senior Portfolio Manager BCom Hons (Finance), BCom (Accounting)



Henriqueco Visser Chief Technology Officer BSc (Mathematical Stats)



Lauren Jacobs Portfolio Manager BBuscSc (Finance)

Duma Mxenge

BCom (Hons), FAPM



Adriaan van Niekerk Senior Portfolio Manager BCom, BSc (Hons), CFA

Please visit www.satrix.co.za for information on all Satrix products



Baham Investments consistion the howing administed managers (RF) (Pty) Ltd, Graviton Wealth Management (Pty) Ltd ("GWM"), Graviton Financial Partners (Pty) Ltd ("GFP"), Satrix Investments (Pty) Ltd, Blue Ink Investments (Pty) Ltd ("Bue Ink"), Sanlam Credit Fund Advisor Proprietary Limited, Sinaka Mealth (Pty) Ltd ("Bue Ink"), Sanlam Credit Fund Advisor Proprietary Limited, Sinaka Mealth (Pty) Ltd ("Bue Ink"), Sanlam Credit Fund Advisor Proprietary Limited, Sinaka Wealth (Pty) Ltd ("Bue Ink"), Sanlam Collective Investments (RF) (Pty) Ltd ("SAMI"); and has the following approved Management Companies under the Collective Investment Schemes Control Act: Sanlam Collective Investments (RF) (Pty) Ltd ("SAMI"); and has the collective Investment Schemes Control Act: Sanlam Collective Investments (RF) (Pty) Ltd ("SAMI"); and has the following approved Management Companies under the Collective Investment Schemes Control Act: Sanlam Collective Investments (RF) (Pty) Ltd ("SUI") and Satrix Managers (RF) (Pty) Ltd ("Suit's) are gible and accuracy of the information contained in this document ("the Information"). The FSP's, its shareholders, subsidiaries, Clents, agents, officers and employees do not make any representations or warrantice regarding the accuracy or suitability of the information and shall not be held responsible and disclaims all liability for any loss, liability and damage whatsoever suffered as a result of or which may be attributable, directly or indirectly, to any use of or reliance upon the information. Consult your financial advisor before making an investment decision. Satrix Managers (RF) (Pty) Ltd ("Starix) are gistered and approved manager in Collective Investment Schemes in Securities and an authorised financial services provider in terms of the FAIS. Collective investment schemes are generally medium- to long-term investments. Unit Trusts and ETFs the investor essentially owns a "proportion to the participatory interest held in the fund) of the underlying investments held by the fund, comprises al

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Satrix Investments



