

PRODUCT DESCRIPTION

HIGHLIGHTS

- Growing complexity is a major threat to all businesses and the global economy. In a world dominated by turbulence and interdependency, fragility and complexity are the main factors impacting financial performance
- Ontonix monitors the evolution of complexity of major market indices, as well as Bitcoin and gold through its proprietary software, designed specifically for today's turbulent markets
- One of the well documented attributes of complexity is that it tends to change significantly - most often increase - prior to a crisis. This has been observed in various industry sectors where our proprietary technology has already been adopted.
- Complexity analysis of market indices and other asset classes offers an efficient early warning signal which precedes drawdowns.

FEED DETAILS

- Ontonix has validated this technology by trading live trading strategies for more than 3 years.
- Early warnings generally precede drawdowns by 1 to 5 days, at times even by 10 days.
- Access is on a quarterly subscription basis
- Examples are illustrated below

QUALITY FACTORS

- **Underlying data sources:** Major market indices, gold and Bitcoin prices
- **History Details:** daily historical data of of main market indices, gold and Bitcoin
- **Frequency:** Daily, hourly
- **Delivery methods:** E-mail / Web service
- **Delivery format:** .txt
- **Delivery time:** Alarms, if any, are issued at 22:00 Eastern Standard Time.

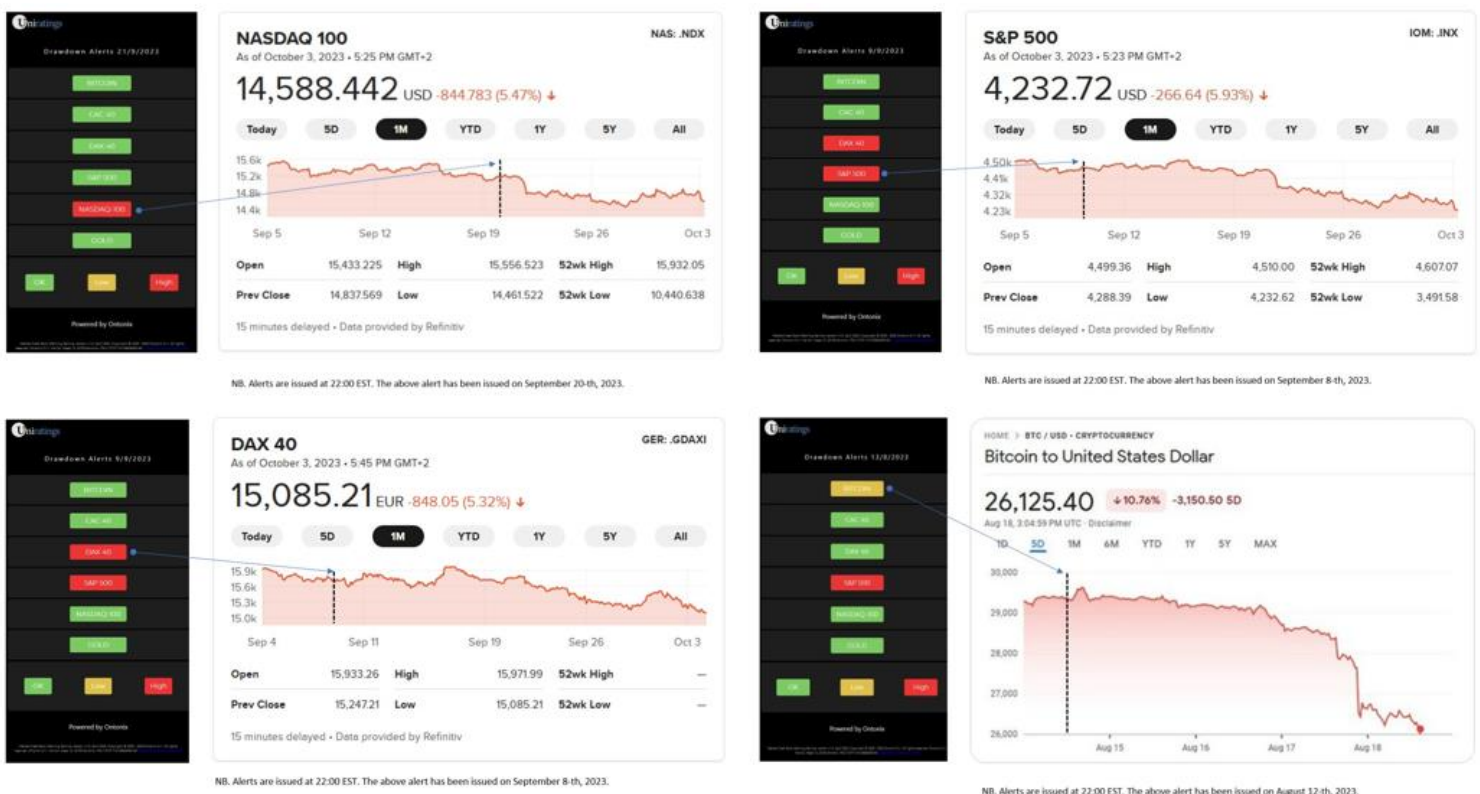
APPLICATIONS AND AWARENESS

- **Dataset Type:** Market Indicator
- **Asset Class:** Nasdaq 100, S&P 500, CAC 40, DAX 40, Gold, Bitcoin

COVERED MARKETS – Worldwide

- S&P 500 / Nasdaq 100 / DJIA
- CAC 40 / DAX 40
- Gold/ Bitcoin

EXAMPLES – Recent Drawdown Early Warnings



For pricing inquiries, write to info@ontonix.com

ABOUT ONTONIX

Established in 2005, Ontonix is a technology company, a complexity research lab and independent think tank headquartered in Como, Italy. The unusual technology developed by Ontonix - Artificial Intuition - focuses on countering what most threatens safety, advanced products, critical infrastructures, or IT network security - the rapid growth of complexity.

We specialise in solving the nastiest, super-complex and large-scale problems facing nations, huge corporations and government agencies. Since highly complex systems are inherently fragile, it is paramount to monitor, diagnose and manage their complexity.

Ontonix is different from companies that claim to manage complexity because we have a complexity metric. This means that we MEASURE complexity.

ABOUT COMPLEXITY

QCM (Quantitative Complexity Management) Technology is a new form of Artificial Intelligence that reaches beyond conventional Machine Learning. QCM is Artificial Intuition. It is very fast. It doesn't require training. The technology is proprietary.

Highly complex systems, such as the global financial system, are inherently fragile and can lead to risk in countless, non intuitive ways. With the QCM, complexity-induced risk can be understood, stratified and countered in a totally new manner.

QCM works like human intuition, like instinct. It is extremely fast. It doesn't need lengthy training with thousands of examples. It gets you quickly where you need to be. Artificial Intuition is a new paradigm in data analysis, diagnosis and anomaly detection.

The key feature of QCM technology is that it is able to recognize the existence of anomalies the first and only time it is confronted with them. It is also able to pinpoint their sources thanks to a technique known as Complexity Profiling.

The QCM has been developed in the mid 2000s and has since been used in numerous fields, ranging from manufacturing to medicine, from economics to finance, infrastructures, traffic systems, or image analysis. In 2007 Ontonix became Gartner's Cool Vendor. In 2015 a specific standard was issued, the [UNI 11613](#).

EARLY WARNING SIGNAL

Early warnings generally precede drawdowns by 1 to 5 days, at times even by 10 days. There are two levels of alert: 1 – mild, 2 – severe.

Signals are delivered on a daily basis. Hourly early warnings may be delivered upon request.

CONTACT DETAILS



Ontonix S.r.l.
Via Col. Alessi 12
23100 Sondrio
ITALY

Website:
www.Ontonix.io

CF/P. IVA 00854450145
Ufficio del registro imprese di SONDRIO
REA n. SO 64518

Uniratings is a brand of Ontonix S.r.l.

The concepts and methods presented in this document are for illustrative purposes only, and are not intended to be exhaustive. This document is not intended as a recommendation, an offer or solicitation for the purchase or sale of any securities or other financial instruments. It is not intended to serve as the basis of any future investment decision and should not be considered as a recommendation or investment advice. No investment decision should be made on the basis of this document in whole or in part. No warranty is made as to the accuracy or reliability of any estimates, opinions, conclusions, recommendations (which may change without notice whether in writing or otherwise) or other information contained in this document and, to the maximum extent permitted by law, all liability and responsibility for any direct or indirect loss or damage which may be suffered by any recipient through relying on anything contained in or omitted from this document is disclaimed without reservation. Ontonix has taken care in the preparation of this document to ensure that it accurately reflects the current state of the development of the technology, though no representation or warranty is provided as to its accuracy. Certain information contained in this presentation has been obtained from public sources prepared by other parties. No responsibility is assumed for the accuracy or completeness of any information in this document. Any reproduction or distribution of this document, in whole or in part, without the prior written consent of Ontonix, is prohibited. Reverse-engineering of the concepts, methods or ideas contained in this document is strictly forbidden. The methods described in the present document are protected by US patents. This document should not be accessed by any person in any jurisdiction where it is unlawful to do so. This document is for the intended recipient only and is provided on the condition that it be kept confidential and that it is not copied or circulated in whole or in part.