



NXW CCPX

THE CCPX PLATFORMS ECOSYSTEM

Powering finance *with data intelligence*

One cloud for research, investment, strategies and education. Four connected platforms bring the whole financial workflow together, from data and research to indexes, trading and training.

4

connected cloud platforms

100,000+

indexes and indicators

80 / 20

online / offline learning

01.

WHAT IS CCPX

A PLATFORM A YEAR

2010 IFRC · founded

2013 CCPR · research

2015 CCPI · investment

2017 CCPS · strategies

2023 CCPE · education

*“From data to
decision, in one
cloud.”*

THE CCPX ECOSYSTEM

One cloud for research, investment and strategy.

CCPX brings research, investment and market strategy into a single, interconnected environment. Developed by IFRC (Intelligent Financial Research & Consulting) with NXW and its partners, it is a cloud-based infrastructure that streamlines how financial data is accessed, analysed and turned into actionable insights. It bridges academia, industry and technology, in Vietnam and on global markets.

WHAT EVERY PLATFORM SHARES

Big data

International coverage: Vietnam and global markets, long histories.

Community & sharing

Researchers, investors and students working on the same data.

Beginner to expert

Simple tools for first steps, advanced tools for professionals.

Front to back

Dashboards, front end and back end in one place.

Cloud computing

Computation, models and storage on demand; nothing to install.

Marketplace

A showroom where users publish indexes, strategies and studies.

Automation

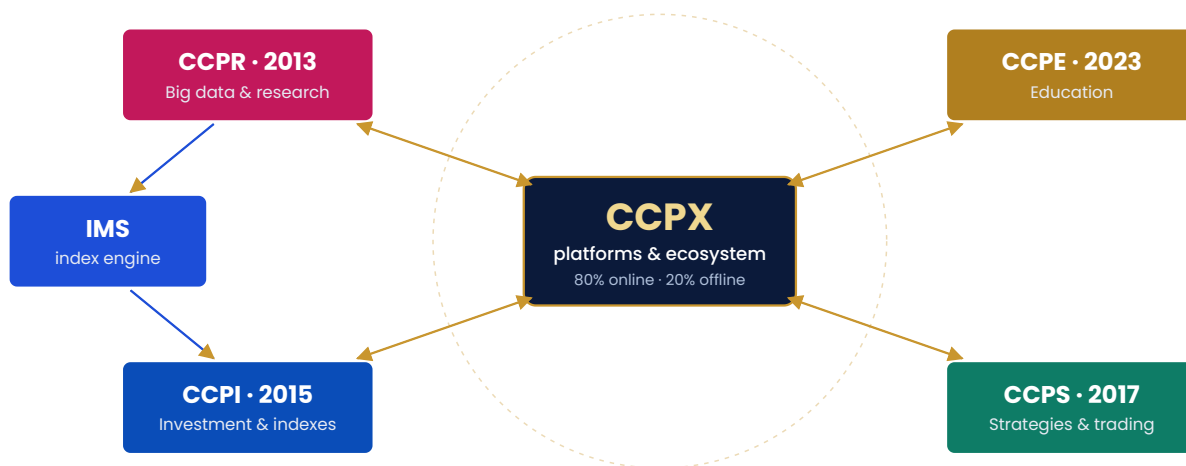
Scheduled execution, alerts and API: results arrive by themselves.

Vietnam & international

Academic and professional cooperation, individuals and institutions.

Four platforms around one engine — each feeding the others.

Research produces the data and models; the IMS index engine turns them into indexes; investment and strategy platforms put them to work; education trains the people who use them — and brings new research back into the loop.



WHO USES WHAT

CCPR RESEARCH

Universities, corporates, institutions, media. Master's and PhD research in 1–2 years instead of 3–4.

CCPI INVESTMENT

Fund managers, institutions, media. Index design, back-testing, showroom and marketplace.

CCPS STRATEGIES

Retail investors, intraday traders, media. Signals, alerts, execution (API) and predictions.

CCPE EDUCATION

Students, workers, in-house teams, universities. Big data and financial engineering certificates.

WHY ONE ECOSYSTEM

i.

One data source

Every platform works on the same validated CCPR data.

ii.

One login

Research, indexes, strategies and courses in one place.

iii.

Lower cost

Cloud computing replaces in-house servers and teams.

iv.

Faster results

Months of work become minutes: research, back-tests, reports.

One single access for everything you need to do research.

The Cloud Computing Platform for Research is the central hub for academic and professional research. It aggregates large datasets across finance, economics and the environment, with tools for modelling, testing and real-time computation.

6–12 mo

research cycle, instead of 2–3 years

50–100 y

of data history, worldwide

22,000+

indexes in the first CCPX library

WHY RESEARCHERS USE IT

Less time on data, more on ideas.

- 01 Single access**
One platform for publications, data, computing and tutoring: save time and money.
- 02 Live execution**
Run and replicate referenced papers on the platform.
- 03 Tutoring**
Guidance for Master's and PhD research (option).
- 04 Cooperation**
Universities, financial organisations and human-resources placement.

WHAT IS INSIDE

Data, models and computing.

- Finance — prices, fundamentals, indexes, funds
- Economics — macro series, rates, currencies
- Environment — ESG and climate data
- Open-source models — R / Python libraries
- Cloud computation — modelling, testing, real time

FOR

Master's and PhD students, researchers, corporates (publications, reporting), institutions and media.

The investment engine: from an idea to a live index.

The Cloud Computing Platform for Investment creates and manages indexes and investment products, from concept to live market deployment. Behind it, the IMS (Indexes Management System) calculates, adjusts and publishes every index of the NXW Global Indexes family.

1

Design

International standard or customised.

2

Calculation

Real time or end of day.

3

Dissemination

Media, websites and data vendors.

4

Adjustment

Corporate actions, for the next day.

3 months → 5 minutes

A full back-test, from index design to performance report, used to take a team about three months. On CCPI it takes about five minutes.

NXW GLOBAL INDEXES FAMILY, CALCULATED BY IMS

52,248

Vietnam indexes

19,002

global indexes

23,074

Vietnam sentiment indicators

4,717

global sentiment indicators

SHOWROOM & MARKETPLACE

Ready-made benchmark, sector, thematic, smart-beta and ESG indexes; customised indexes for groups, associations and media; users can publish their own indexes and share them.

PRODUCTS ON INDEXES

ETFs, structured notes, derivatives and systematic strategies — with real-time or end-of-day dissemination to media platforms and data vendors.

Predict faster, invest smarter.

The Cloud Computing Platform for Strategies is the trading-intelligence layer: it classifies and ranks strategies, integrates sentiment indicators and back-tests with CCPR data, in a shared space where traders and analysts refine their decisions.

35+

Fear & Greed indexes in real time

4

in-house strategies, back-tested

2008–24

back-tests on all Vietnamese stocks

THE PLATFORM

Built for decisions.

- 01 End to end**
Data, models and execution on one platform.
- 02 For everyone**
Accessible to beginners and experts.
- 03 Proven tools**
In-house indicators and back-tested strategies.
- 04 Marketplace**
Users become providers: ranking, sharing and community.

TOOLS

From idea to order.

- 01 Strategy designer**
Your own entry and exit rules, take profit and stop loss, on any instrument.
- 02 Sentiment**
35+ Fear & Greed indexes in real time, volatility and imbalance indicators.
- 03 Back-testing**
On CCPR data: return, risk, comparisons and ranking of strategies.
- 04 Signals & execution**
Alerts, short-term signals and execution through an API.

Knowledge transfer, built into the platforms.

CCPE is the education dimension of CCPX: training programmes, academic collaborations and research support, delivered with the Vietnam FTD Institute (Financial, Technology and Data Institute) — 80% online, 20% offline, for local and international students.

FTD INSTITUTE · FOUR CAREER TRACKS

TRACK	FAMILY	PROGRAMME
Data analyst	Data Analyst / Scientist	4 months learning · 2 months internship · 3 months project in a company
Data scientist	Data Analyst / Scientist	24 months learning · 6 months internship · 6 months project in a company
Financial analyst	Financial Analyst / Engineer	4 months learning · 2 months internship · 3 months project in a company
Financial engineer	Financial Analyst / Engineer	24 months learning · 6 months internship · 6 months project in a company

NXW INVESTMENT LIBRARY

From theory to practice, *book by book.*

VOL. 1

Index Investing

VOL. 2

Commodity Investing

VOL. 3

Forex & Crypto Investing

VOL. 4

ESG & Sustainable Investing

VOL. 5

Finance Foundations

Each book comes with online lessons, a glossary, a 20-question quiz and exercises — several of them done directly on the CCPX platforms. Chapter 1 of each book is free on the NXW website and in the Monitor app (EDUCATION).



FOUNDER & INITIATOR · CCPX ECOSYSTEM

Dr MAI Huu Minh

Double academic and professional skills, from financial mathematics to big data, to build indexes that investors can trust.

2010

IFRC founded: data, indexing, research

25+

years in index and derivative markets

100,000+

indexes and indicators managed

FINANCE & MATHEMATICS

Financial mathematics, derivatives, indexes, volatility, portfolio management, exchanges, econometrics and market efficiency.

BIG DATA

Data science, data mining and integration, R / Python, artificial intelligence, machine learning and business intelligence.

APPS DEVELOPMENT

Financial web apps and cloud computing: from the first IFRC index platform to the IMS and CCPX platforms.

INDEXES & DERIVATIVES

More than 25 years in index and derivative markets: many indexes and products developed and managed, including derivatives and ETFs.

PHD & AWARDS

PhD in Finance, Université Paris Dauphine / ENSAE. 1993 Société des Bourses Françaises Award and Jean-Bertrand Nogaro Award.

POSITIONS

Co-Founder, Head of R&D / Indexes · NXW Holdings · 2023

Executive Director · VIDE — Vietnam Institute of Digital Economy Development · 2026

Deputy Director · IREEDS — Institute of Research in Economics, Environment and Data Science · 2018

CEO & Founder · IFRC — Intelligent Financial Research & Consulting · 2010

General Director · CRQFT — Center of Research on Quantum Finance and Technologies · 2026

Editorial Board Member · Bloomberg Businessweek Vietnam · 2023

CONTACT US

Let's build the *next wealth* together.

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