

# Trading Systems

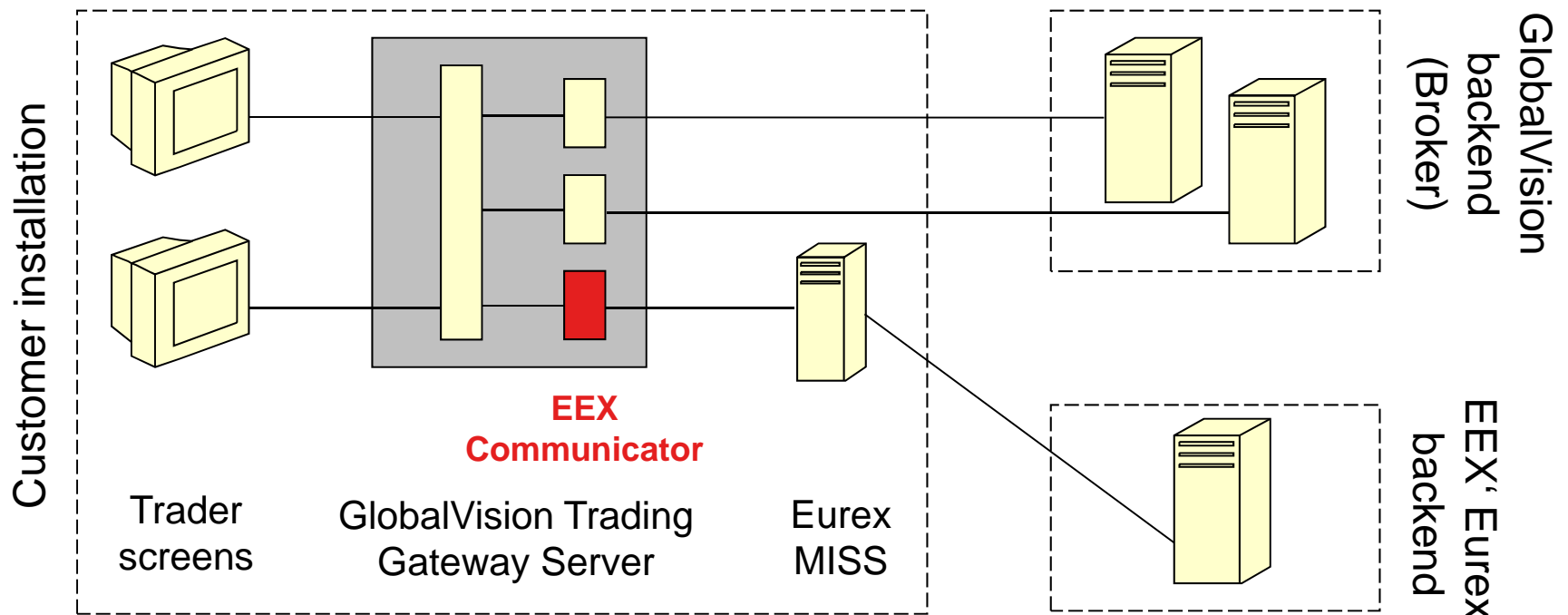
## EEX - Communicator

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- Legal prerequisites
  - Application form available on EEX website under Download → Software & Installation → EEX Communicator
- Technical prerequisites
  - EEX Derivatives Market System Eurex with own server
  - Trayport GlobalVision Trading Gateway with own server
  - Connection between above mentioned servers
- Detailed description of technical prerequisites ('Requirement List') can be found on the EEX website
- EEX provides first and second level support (in-house support possible if desired)

# Technical architecture

- EEX Communicator is an interface between two servers, Eurex MISS and GlobalVision Trading Gateway
- Reuters Order Router for Commodities (RORC) is also supported
- Eurex back end is binding for functionalities



- Market overview with market depth customized by individual settings
- Order functionalities:
  - Entry, modification, deletion possible via both front ends, Eurex and GlobalVision
  - Parameters can be pre-defined in settings
- Trade functionalities:
  - Matching takes place in EEX Derivatives Market system
  - Private trade display on GlobalVision front end
  - Public trade display on an anonymous basis available
- Detailed functional description ('Functional User Guide') can be found on the EEX website

# Trading schedule

- Different functionalities are supported depending on the trading phase
- The grey cells below represent functionalities by the EEX Communicator interface; white cells are back end related

Pre-Trading (PRETR)	Main-Trading		Post-Trading		End of day (BATCH)
	Opening auction (PREOP)	Continuous trading (TRAD)	Unrestricted Post-trading (POSTF)	Restricted Post-trading (POSTR)	
08:00 - 08:25	08:25 - 08:30	08:30 - 16:00	16:00 - 17:30	17:30 - 20:00	in the evening
08:00 - 08:25	08:25 - 08:30	08:30 - 17:00	17:00 - 18:00	18:00 - 20:00	in the evening
09:00 - 09:25	09:25 - 09:30	09:30 - 17:30	17:30 - 18:00	18:00 - 20:00	in the evening
Order entry, modification, deletion	Order entry, modification, deletion	Order entry, modification, deletion	Order entry, modification, deletion	Inquiry of trades	Preparation of reports
		Order matching			
		Trade maintenance	Trade maintenance	Inquiry of position accounts	Master data management
		OTC-trade entry	OTC-trade entry		Data archiving
		Give-Up/ Take-up	Give-Up/ Take-up		Margin calculation
		Inquiry of open order book			

EEX trading phases and functionalities supported by the EEX Communicator (red line = power futures, green line = emission futures, blue line = gas futures)

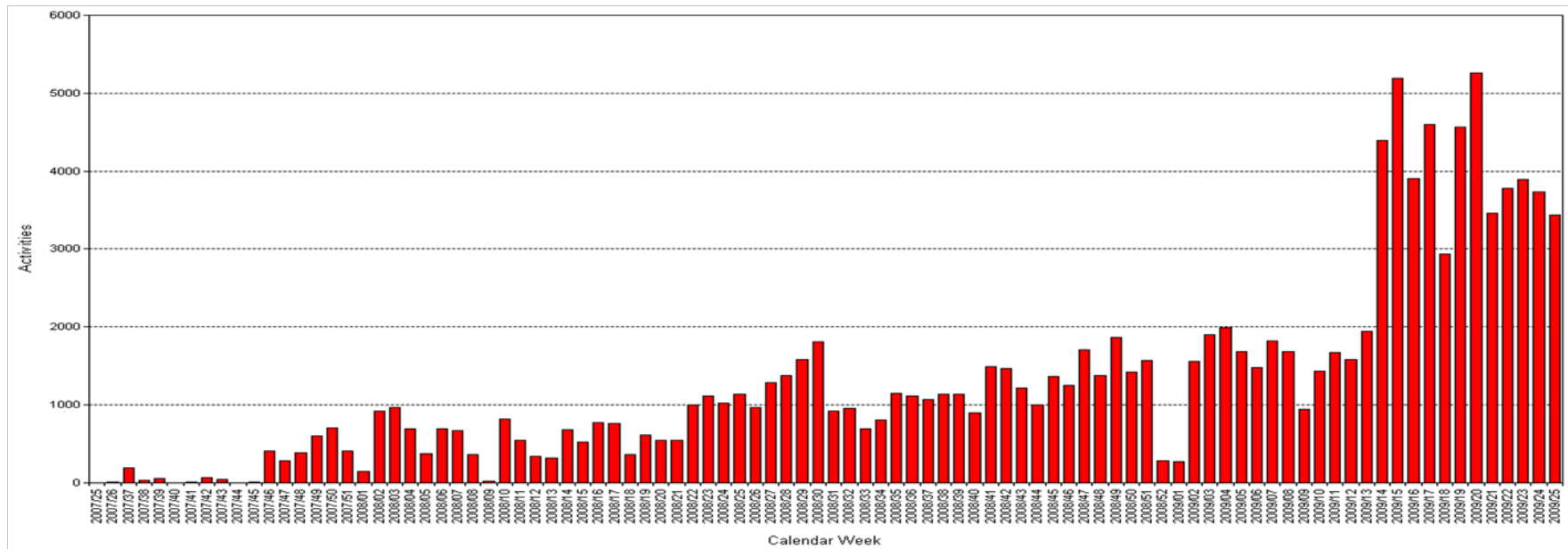
## Supported products and functionalities

- All EEX futures are tradable via Trayport GlobalVision
  - Futures on power (Phelix, German Power, French Power)
  - Futures on natural gas (EGT, BEB)
  - Futures on carbon (EUA, CER) and
  - Futures on coal (API 2, API 4)
- EEX futures can be included in consolidated order books or existing/new separated order books
- Main trading and a range of standard GlobalVision functionalities are supported by the interface

- Availability of EEX futures trading via well established Trayport GlobalVision screen was background of development of an interface
- EEX is the first exchange which has introduced such an interface; other energy exchanges follows
- Interface software and installation as well as ongoing support is free of charge
- First release has covered main trading functionalities
- Second release mainly for improvement of system stability
- Further releases with numerous additional features (deal order, public deal list, local time zone, delete all, several enhancement of setting parameters, improvement of performance)

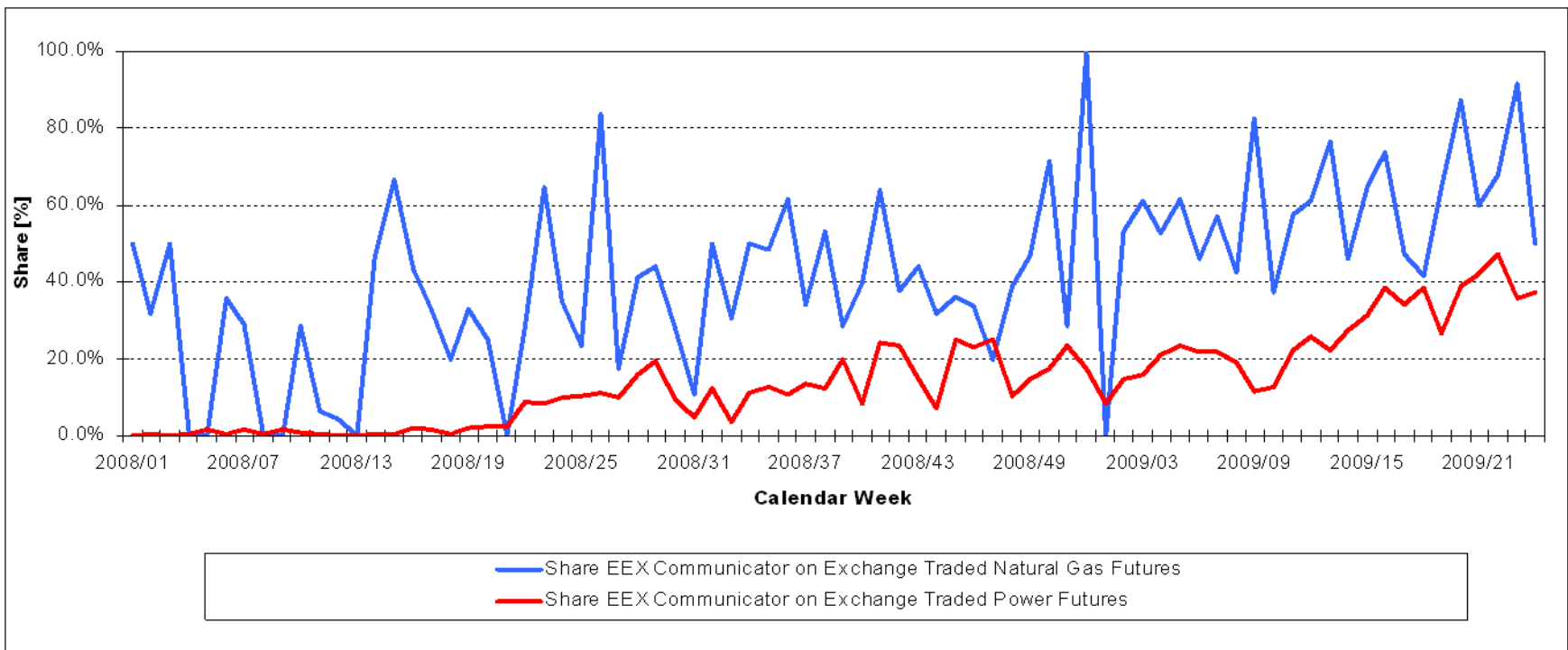
# Use of EEX Communicator

- Increasing order activity over the last 2 years
- Up to 20,000 order activities\* per month could be measured  
\* order entry, modification, match or deletion
- Clearly recognisable rise with start of trading in French Power Futures



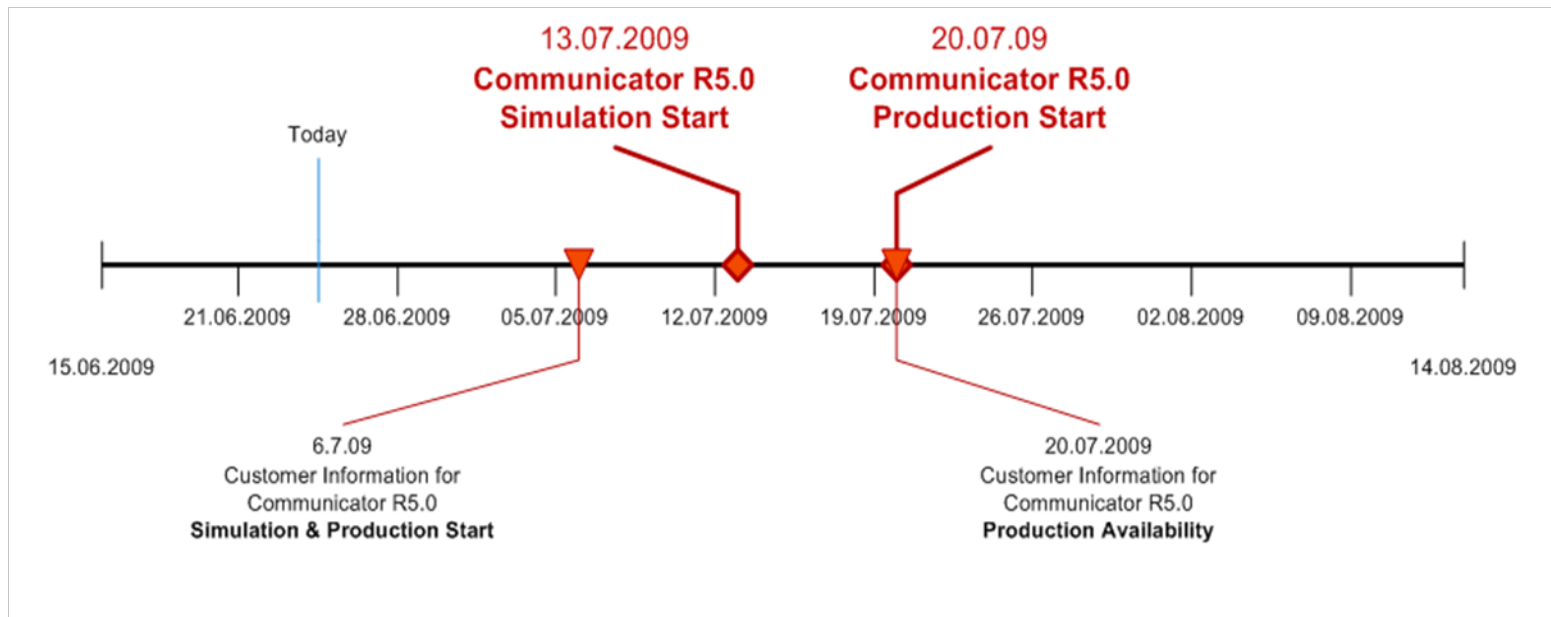
# Share of EEX Communicator

- Constantly rising share on exchange trades
- Average share in exchange trades in 2nd quarter 2009:
  - 37% in power futures
  - 65% in natural gas futures



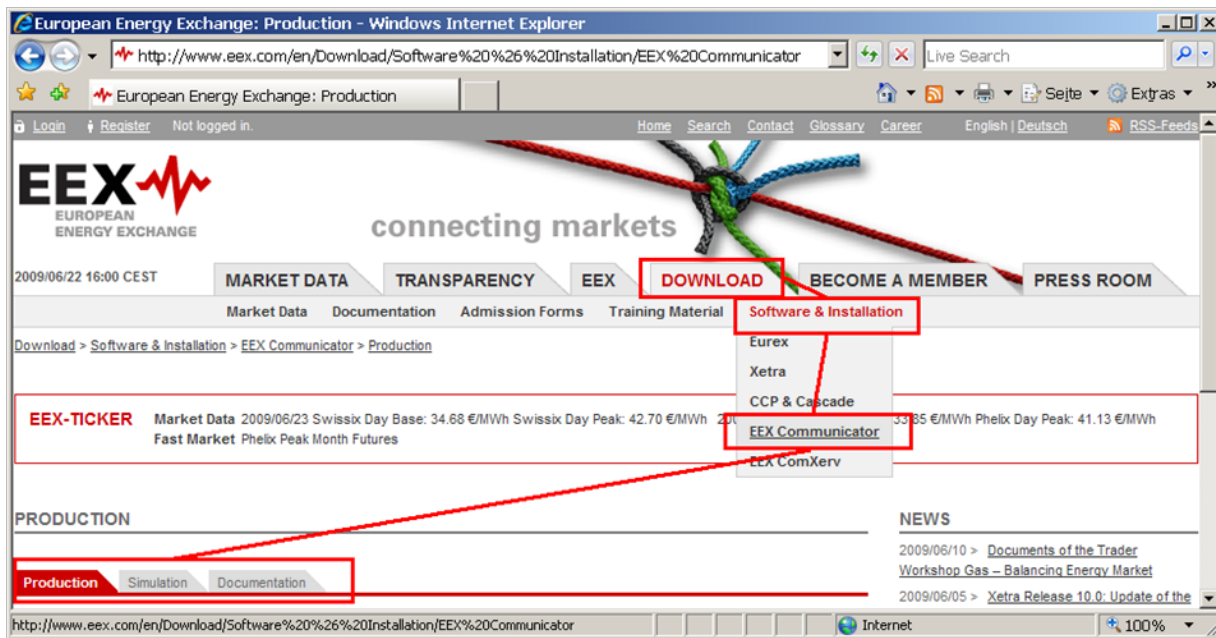
# Release and communication plan for R5.0

- New release of EEX Communicator as well as entire interface solution offered by EEX are free of charge
- One week for simulation
- Installation of new release software strongly recommended by EEX (Support only on latest version), but not mandatory



- With the new release new functionalities will be introduced:
  - Online user mapping
  - Iceberg orders
  - Support of withhold functionality
- New functionalities with technical background:
  - Support of Trayport order numbers
  - Improvement of order modification & order display functionalities

- Further information available under following location:  
Download → EEX Communicator → Production/Simulation  
→ Documentation



- Periodic customer information via e-mail (registration under [trading@eex.com](mailto:trading@eex.com))

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