

C.N.Rood company profile

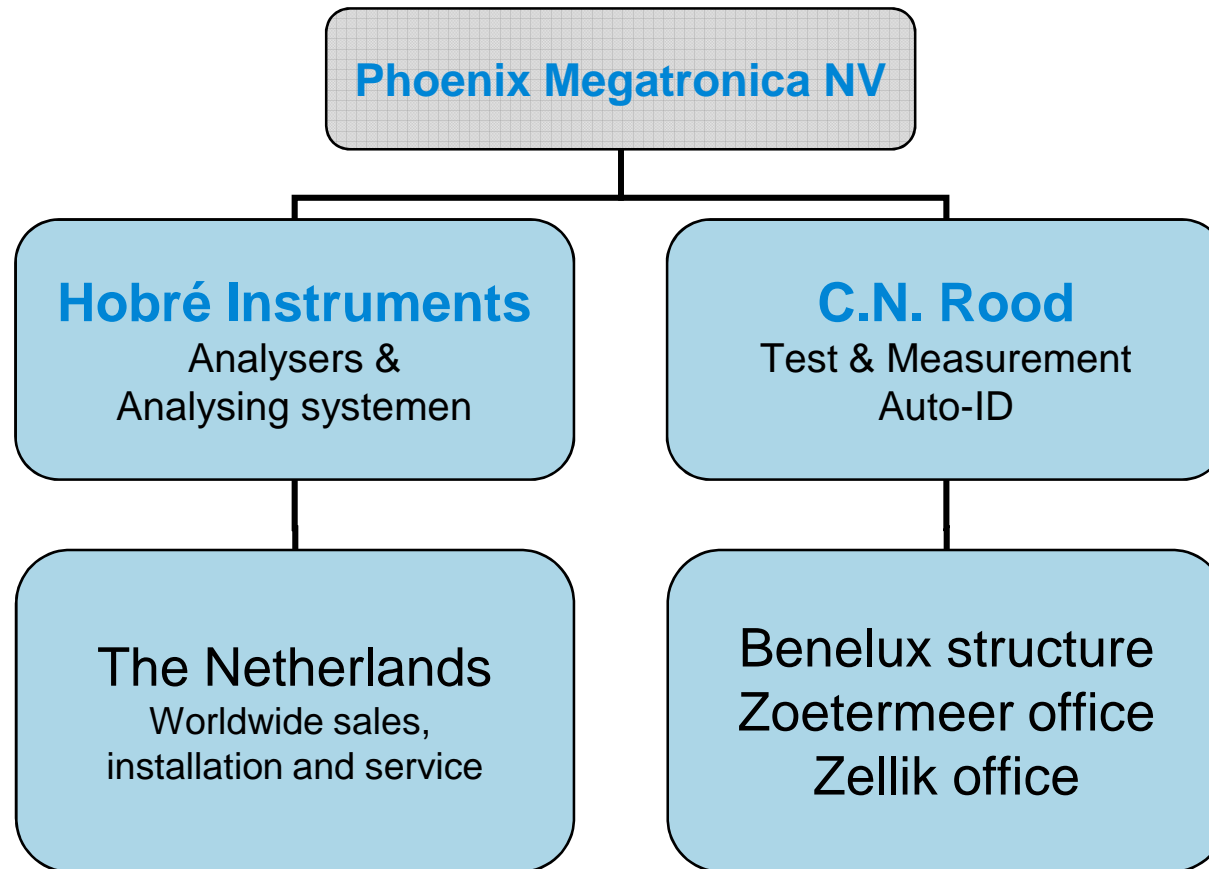
Mr. Cornelius Nicolaas Rood

1938 in The Netherlands

1960 in Belgium



Holding Organization



Departments

General instrumentation

- General instrumentation
- AC & DC power supplies
- EMC, safety & power quality
- Biomedical test equipment

Communication Test Equipment

- Fiber optics
- Transmission & protocol
- Mobile communication

Video & CATV Test Equipment

- HDTV, SDTV waveform monitors
- Signal generation
- MPEG analyzers & monitors
- Video over IP analyzers
- DVB-testers
- Broadcast equipment and infrastructure

Service & support

- Training
- Software support
- Measuring services

Major Suppliers

Tektronix®

Enabling Innovation

GLASSMAN
HIGH VOLTAGE
INCORPORATED

 **PACIFIC**
POWER SOURCE

FLUKE
Biomedical

SET



 **DRANETZ**
BMI

EXFO
Fiber-optic T&M, monitoring,
manufacturing and assembly solutions

rood
driven by technology

www.cnrood.com

70
1938-2008 years

Major Customers Telecom & Video

- Alcatel lucent
- Avid
- Barco
- Base
- Belgacom
- BCE/RTL
- Cisco
- ENG videohouse
- Ericsson
- Erudict
- Integan
- Mobistar
- Newtec
- Outside broadcast
- Philips
- Proximus
- RTBF
- SBS
- SES-Astra
- Telenet
- Testronic Lab
- UPC
- VMMA
- VRT

Communication Test Optical Fiber

- Optical power meters/sources/attenuators
- Visual light sources/ Live fiber detector
- OTDR's
 - MM 850/1300 nm
 - SM 1310/1410/1550/1625 nm
 - Combined SM & MM OTDR with 4 λ
 - FTTX & FTTH
- Optical spectrum analyzers
- PMD & CD dispersion analyzers
- RFTS monitoring systems
- Patch cord test systems
- Splicing equipment for single and ribbon fibers
- Fiber connector cleaning tools



Transmission & Protocol

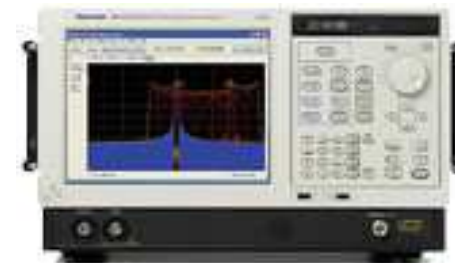
- Ethernet testing
 - 10/100/Gbit and 10G Ethernet/FC
 - 100 Gbit Ethernet testing
 - IPv4/IPv6
 - VoIP
 - Video-oIP
 - MPLS/MGCP/MEGACO
- Load Generation, conformance-performance testing
- PDH/SDH testing up to STM256 (40/43 GBit)
- Docsis / Eurodocsis testing
- xDSL testing
- Active and passive network monitoring



Mobile Communication

Wireless

- GSM/GPRS/Edge/UMTS
- Femtocell/LTE/WIMAX
- Antenna testing
- Coverage/drive testing (trace and data testing)
- Data testing (MMS,SMS,...)
- Spectrum Analyses
- GPS time synchronization



General Instrumentation

- Oscilloscopes
 - TDS/DPO series
 - Sampling scopes
- Logic analyzers
- Arbitrary & signal generators
- Real time spectrum analyzers
- Frequency counters and time synchronization



Lab Power Supplies

- Regulated DC & AC power sources
- Electronic AC & DC load's
- High Voltage power supplies
- Fuel cell testing
- Battery testing



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Identification Technologies

- Barcode & 2D-handscanners
- Barcode RF-Terminal & 2D-terminals
- Wireless Solutions
- RFID
- Label printers & Consumables
- Barcode software
- Software Development



Video & CATV

- Video generators/Analyzers
- HD/SD LCD monitors
- Video-over IP analyzer/generators
- Digital video (SDI/SDTV/HDTV)
- MPEG2, MPEG4, WM9, H.264, 3GPP
- DVI/HDMI/LVDS
- Broadcast equipment (mixers, converters, modular infrastructure)
- EURODOCSIS/DOCSIS analyzer
- TV & satellite level meters
- Cable TV analyzers & spectrum analyzers
- DVB-T analyzers



Video Baseband Test Solutions from Tektronix



TG700 SD/HD Signal Generator



TG2000 SD/HD Signal Generator



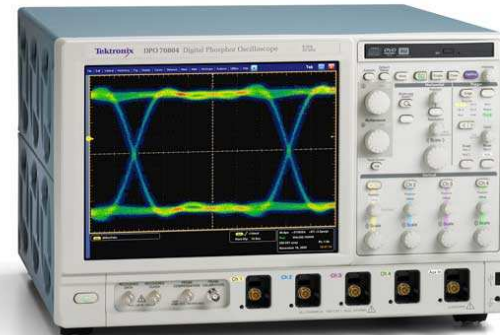
WFM SD/HD Waveform Monitors



VM6000 Automated
HD Video Measurement Set



VM700 Automated
SD/Analog Video Measurement Set

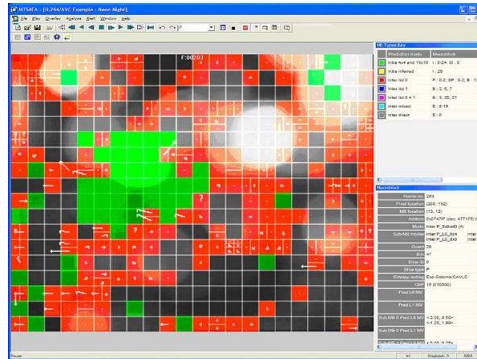


DPO70804 for HDMI PHY Tests

Video MPEG Test Solutions from Tektronix



MPEG Test Systems



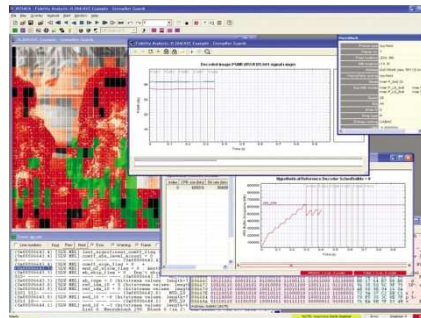
Next Generation Compressed Video ES Software



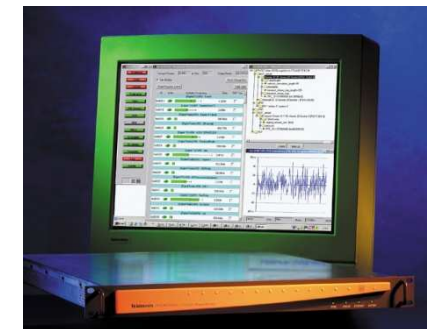
MPEG Generator/Recorder/Player



Vclips Video Test Clips



TS Mux and Compliance Analyzer



Transport Stream Monitor

Cerify

Worlds First Automatic Video QC System

Test summary for each file in "Job"

Alert traffic lights

Alerts for each error within the file

Details of a specific error alert

Details for each file within the "Job"

Video thumbnails and audio waveform shown in frames surrounding the alert

Thumbnail of erroneous frame

- Details of Cerify results are displayed on the user GUI in levels
- The amount of detail increases as you "drill down" to lower levels

Service & Support

- After sales support
- Training
- Measuring services
- Calibration services
- Software support
- Software development



Service & Support