OROS Webinar

NVGate V12 is Released!

What’s New?

4/30/2020 – Luke DeSmet
OROS Webinar

Today’s Topic

- NVGate version 12 is released!
  - Diagnosis on an electrical motor
  - Properties Management
  - Batch post-processing & automatic reports
  - External tools

About your presenter

Luke DeSmet

Luke brings with him several years of experience as a Technical Support Engineer at Oracle. Oracle specializes in developing and marketing database software and technology, cloud engineered systems, and enterprise software products. At Oracle, Luke served as a liaison for corporate clients finding resolutions through root cause analyses and technical troubleshooting.
⇒ Please write your questions in the Q&A area, will we take time to answer at the end of this webinar.

Who will answer?

Corentin joined the customer care department of OROS in 2014. Since 2016, he has held the position of application engineer and has been responsible for supporting users on advanced projects, sales and validating OROS solutions.
OROS – Noise and Vibration Testing and Analysis Solutions

**Full Software suite**
- Comprehensive
- Application oriented
- Rotating
- Structural Dynamics
- Data Acquisition and Signal Processing
- Acoustics

**Services**
- Customer Support
- Consulting & Coaching
- Customization & Integration

**State-of-the-art Instruments**
- From 2 to 32 channels
- Distributed up to 1000+
- DataCare®
- Flexible
- Made for any testing environment
Made for Your Demanding World

Industrial Sectors
- Automotive
- Aerospace
- Energy and Process
- Marine
- Precision Machining and Process

Product Life Cycle
- R&D
- Acceptance
- Diagnostics

Applications
- Noise
- Rotating
- NVH
- Structural Dynamics
- Quality Process and Control
OROS Services, enhance your efficiency

Anywhere, Any application…Close to you

Customer Support
- Maintenance centers
- Training: initial, advanced, expert
- Webinars
- Premium Contracts
- Maintenance and Calibration
- Upgrades and Updates

Customization and integration
- Automatic testing & reporting
- Customized interface
- Go/NoGo
- Integration to existing IT environment

Consulting & Coaching
- Assistance in your measurement
- Expertise in diagnostics
NVGate V12 is Released!

1) New Solutions compatibility

**EV / HEV – Electrical Motors**
*Electric Markers – Spatiograms – Sound Design*

**Mods Compatibility**
*Ultra portable analyzer*

**Monitoring Solution**
*Monitor, Trigger, Record, Analyze*
NVGate V12 is Released!

2) NVGate Improvements and External tools

• New Properties Management

• New License Keys Management

• External tools:
  – Tach tools extractor
  – Batch Post Processing
  – Edit Signal
  – and much more …
NVGate V12 is Released!

> New Functions

- Increased the number of layouts in RAM memory
- Window color can be edited by a macro
- Calibration module
- Scaling all graphs at once
- Database of generic roller bearing kinematic markers

> Performance Improvements

- Signal file synchronization secured in cascaded mode
- Dramatic improvement in software stability
- Torsional improvements
- Overload indicators match selected range peaks within any range

> Stability

- Setup with large channel count. Faster startup, setup loading and measurement saving
- Import and export filters (ATFX, UFF) improvements
- Python toolkit compatibility for V3.7
- Prevents PC entering automatic sleep mode while connected to an analyze
About the scenario: Diagnosis on Electrical Motor

⇒ We are manufacturer of electrical motors.

⇒ Every samples are tested on a test bench.

⇒ We measure:
  - Temperature
  - Current & voltage
  - 1 accelerometer measuring vibration

⇒ Randomly, several samples in a row become KO. However, if we test them again later, they are good. We would like to understand why.

⇒ During this scenario, we will use NVGate V12.1.
About the scenario: What will we see?

⇒ Custom properties setup according to our needs

⇒ New license keys management

⇒ How to use external tools:
  - Tach tools extractor
  - Batch Post Processing
  - Edit Signal

⇒ and much more …
Thank you for writing your questions in the Q&A area. We will now take the time to answer those questions.

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How to Upgrade to NVGate V12

> Evolution or Serenity contract/agreement

> Download from myOROS: http://www.myoros.com/

> Activate through new electronic license key
Upcoming Webinars

> 28 May - NVH assessment and optimization in EVs and HEVs
> 25 June - Acoustic comfort optimization based on an innovative TPA method (Transfer Path Analysis)
> 30 July – Turbomachinery Vibration Analysis
> 27 August - FFT Basics - Noise and Vibration Theoretical - the Basics of Signal Processing
> 24 September - NVGate Tips and Tricks

Check out our webinar page www.oros.com/webinars for up to date topics and links to register.
For a copy of today's presentation, request future webinar subjects or to get more information on upgrading your NVGate software to version 12, you can contact us at:

Email: sales@oros.com
Final Thoughts

> Please help us improve the quality of webinars by filling out a short survey which will be emailed to you shortly.
Thank You

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