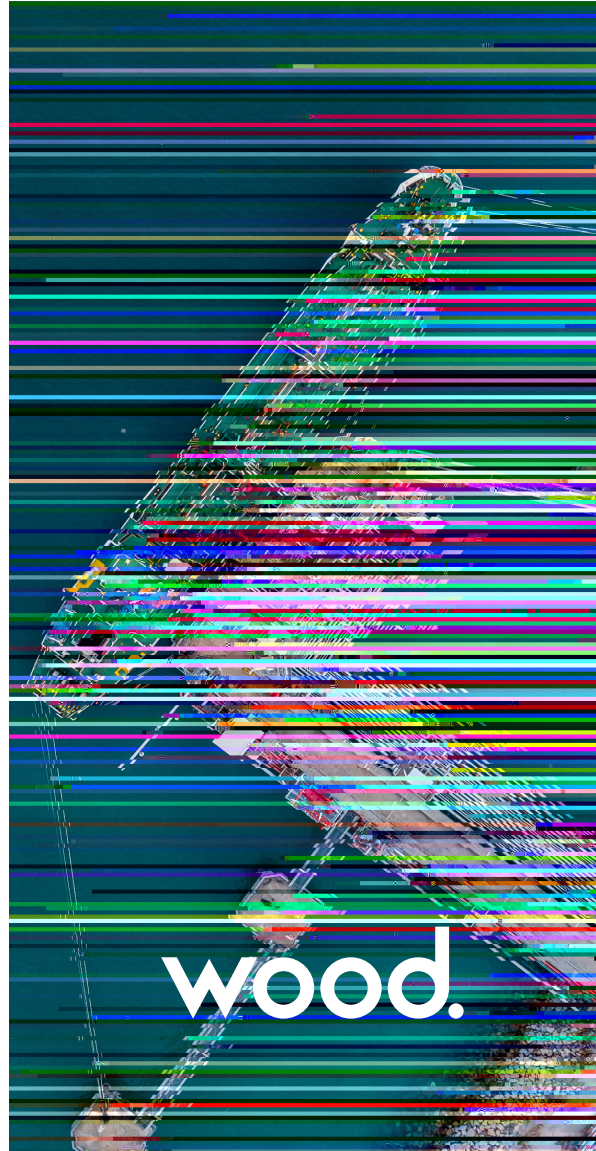
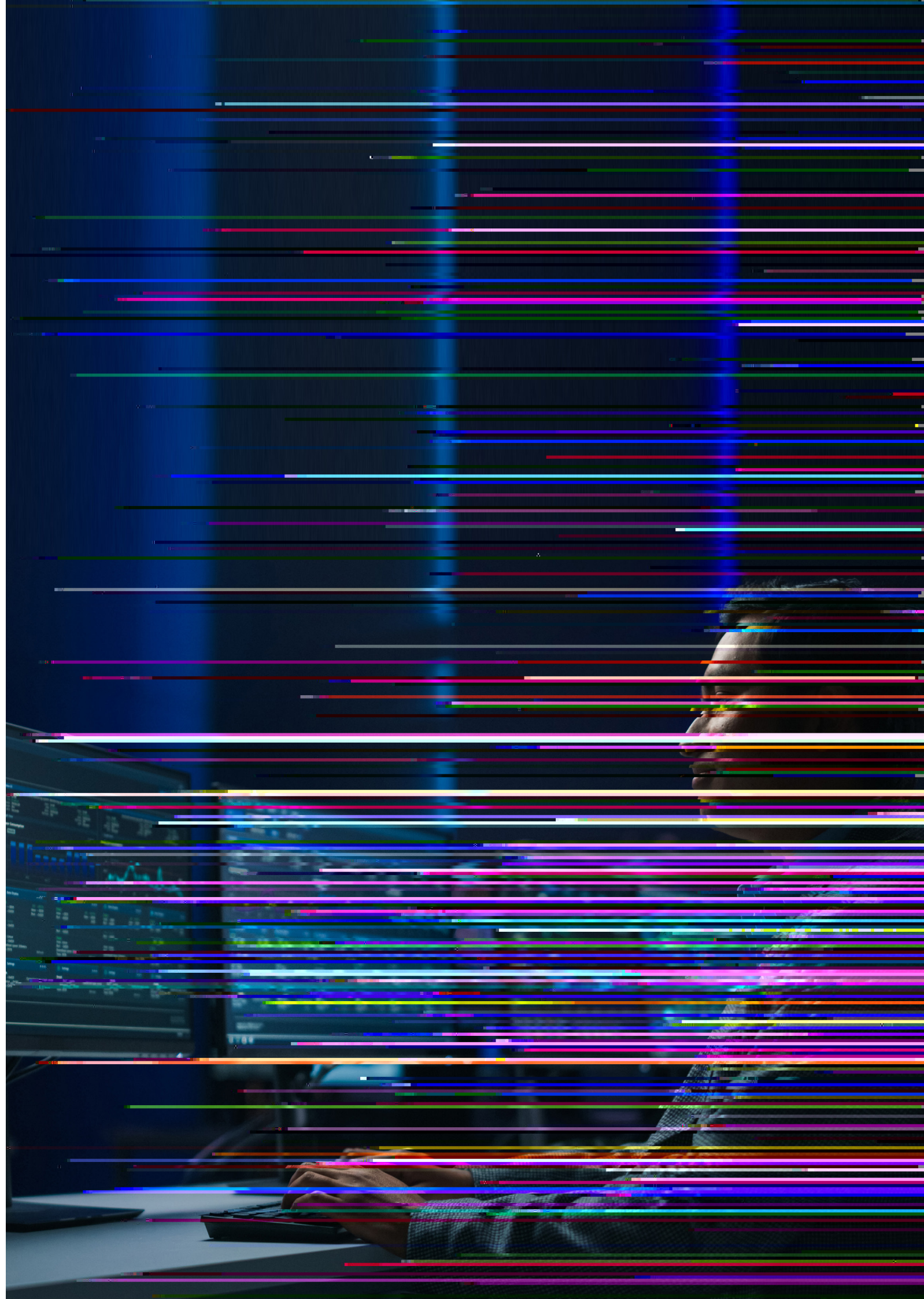
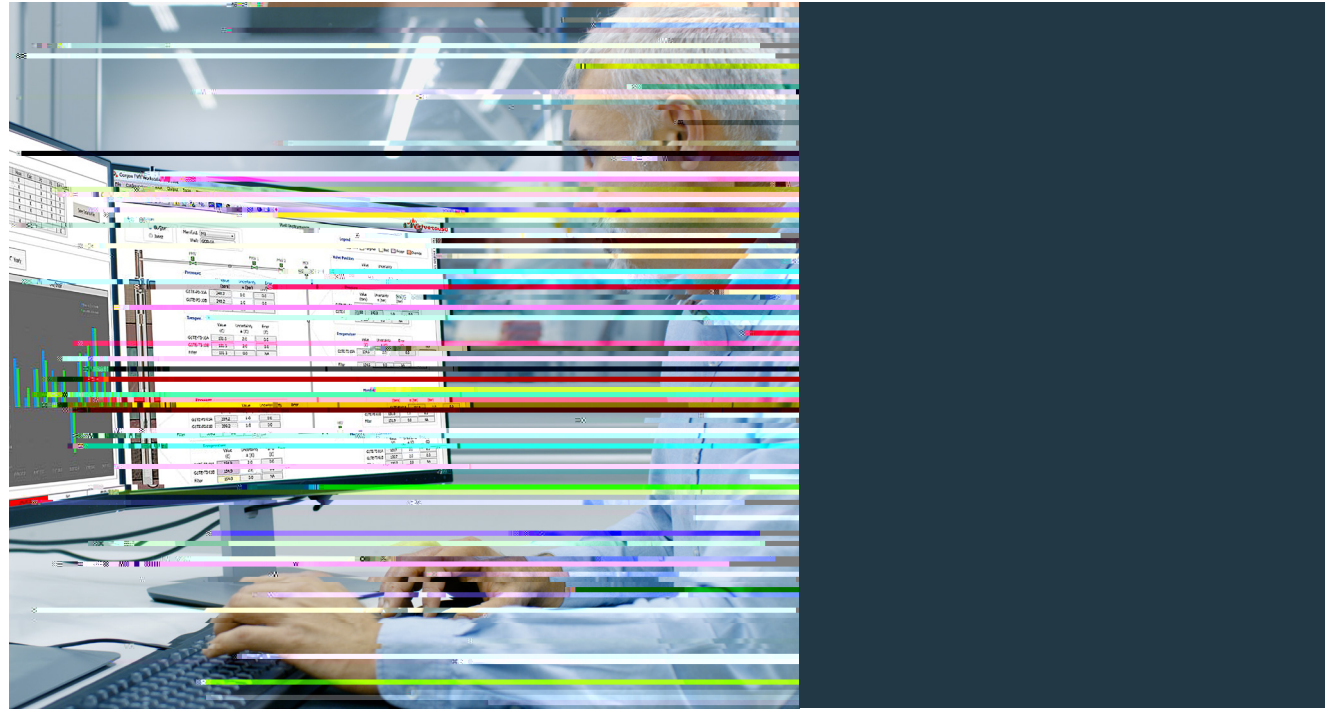


Industry leading engineering simulators, operator training systems and online monitoring systems



wood.





Virtuoso is Wood's production management package used to provide essential decision-making support on production profiles, pigging, ramp-ups, ramp-downs, shut-downs and start-ups.

Virtuoso continuously monitors pipeline operations and process equipment in real-time and predicts adverse conditions.

This includes the following: essential operational and commercial functionalities based on the unique challenges specific to each customer project. We address the most complex single and multiphase gathering, productions, transportation, and processing issues with our technology solutions.

This includes the following:

For gas operations:

- Suboptimal linepack
- High settle-out pressure

For gas operations:

- Holdup
- Pigging advisories
- Hydrate risks

For black-oil operations:

- Issue such as Wax
- Hydrate risks

Virtuoso can provide advance warning of upcoming issues with operating conditions from t/MCoOcBDC awi1C /4F0009BT9 O-awi1C [opergr-vC BT9 O O 9 50-BDC4k19.68.208m [int9 O O 9 0 503 Tm(High se)iv7(ond1)6winaci (base.09BT9 O-awi1C [opergr-vC BT9 O O 1 Tf9 O O 9 49.649.623.74.838 TmOe)3V15a1out winuot



Wood