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The Orchid® tools have been designed to be highly integrated with one another to create an effective and efficient working environment. Each tool follows a standardized approach, providing the same guidelines for menu structure, icons, documentation, and even training material. A focus on using common icons, layouts, themes, and menus has greatly helped us in reducing our users' learning curve when adopting the Orchid® products. Orchid® features the latest in graphical user interfaces using an enhanced, modern look-and-feel, and providing an unparalleled level of customizability. Each Orchid® application comes loaded with features that help to ease the user's learning curve as efficiently as possible. User manuals, help menus, and tool tips are all accessible directly from within the tools.

Our tools are faster and easier to maintain. Orchid® supports recent releases of third-party software operating systems, database management tools, and software compilers. Using important feedback from our user community, we’ve incorporated hundreds of productivity features, making the Orchid® product suite a powerful and complete set of tools for all your simulation needs.

Simulator Control Room

- Orchid® Configuration Manager
- Orchid® Network Loader
- Orchid® Multimedia Manager
- Orchid® Communications Exchange
- Orchid® Sound System
- Orchid® Input Output

Enabling Technology

- Orchid® Suite

Uses and Advantages

Cost-effective training for:
- Experienced operators and new recruits
- Overall plant and individual system operation and control
- Improved team interaction and performance
- Emergency plan implementation and incident management
- Command of malfunction and transient situations
- I&C familiarization

Other Benefits

- Operations optimization, including start-up and shutdown
- Power unplanned outages
- Improved plant safety
- Analysis of plant response to equipment and/or instrument failure
- Efficient plant design planning and upgrading
- CCS and plant process computer verification and validation
- Ease of simulator upgrade and ability to keep current with plant
- Multiple configurations on one simulator
- Portability of simulation for classroom training

Experience

For over 45 years, we have worked with our customers to create superior training systems and have established ourselves as the world’s pre-eminent manufacturer of power plant simulators. L3Harris is a company of people with ideas and vision, with a desire for creative value through innovation and with the experience to achieve success.

Learn More

L3Harris.com/MAPPs
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L3Harris has always been known to deliver high-quality simulators. With its advanced suite of simulation products, the Orchid® suite, L3 Harris continues along this same tradition with a complete cutting-edge simulation software environment.

Providing more than just training devices, our simulator solutions—powered by L3Harris’ unparalleled Orchid® suite of simulation tools—will take your engineering teams to new heights in approaching plant design issues, procedural deficiencies and reliability improvements.

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