

Trigger Fish

A Secure Custom Debian-Based OS for Enhanced Protection



In the leased centers (NOTC) of NSEIT, reliance on Windows OS poses significant challenges, including limited control over system and elevated operational costs. The absence of a tailored operating system inhibits NSEIT's ability to regulate data flow effectively and optimize resource allocation.

Recognizing the urgent need to address these challenges, the implementation of a customized solution, such as Triggerfish OS based on Debian Linux, became imperative. This move aims to mitigate dependency on Windows OS, enhance operational control, and reduce overall expenditure.

Key Features

- **Customization:** Tailored to NSEIT's leased centers, ensuring compatibility.
- **Enhanced Control:** Triggerfish offers greater system configuration control, enhancing security and data flow management.
- **Cost Efficiency:** Reduces licensing and maintenance costs, optimizing budget.
- **Flexibility and Scalability:** Designed for scalability and adaptability to future needs and advancements.
- **Customized Installation:** Simplifies installation for user convenience.

Solutions



Custom Browser

A browser with restricted access, limiting users to specified websites or applications for enhanced security.



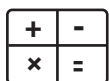
Custom OS

Implemented in Kiosk mode, restricting user access to predefined functions or applications, ensuring controlled usage and safeguarding against unauthorized activities.



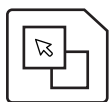
Linux OS

Leveraging the open-source nature of Linux for flexibility, reliability, and compatibility with a wide range of software and hardware configurations, promoting cost effectiveness and innovation.



LibreOffice Calc

Utilized for specific exams or assessments, providing a secure and standardized environment for calculation tasks.



Custom GUI

Tailored landing screen offering a personalized user interface, adaptable to different requirements or preferences, enhancing user experience and productivity.



Assured Security

Our OS operates in KIOSK mode with limited installed applications, minimizing the risk of third-party installations or unauthorized files affecting our system. Any attempted malware or file execution would require explicit action, as they lack the necessary permissions to run. Therefore, our system's security measures effectively mitigate the risk of compromise.

Implementing Triggerfish liberated NSEIT from Windows OS limitations, enhancing control, cutting costs, and boosting operational efficiency and security. With its modular architecture and scalability, Triggerfish ensures NSEIT's leased centers are agile and ready for tomorrow's digital demands.

Benefits

- ✓ Enhanced Security
- ✓ Improved Productivity
- ✓ Tailored User Experience
- ✓ Cost Efficiency
- ✓ Flexibility

Long Term Focus

- Cost Reduction
- Continuous Improvement
- Technological Adaptability
- Strategic Partnerships
- Automation

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