



XYPRO Technology Corporation

Title:

Security Challenges of NonStop Systems - the XYGATE Solution

Location:

**OzTUG
Manly, NSW**

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OzTUG

Security Challenges of
NonStop Systems - the
XYGATE Solution





AGENDA

- **XYPRO Overview**
- **The Top 6 Safeguard Enhancement Requests**
- **The XYGATE Solution**





ABOUT XYPRO

- **Proven Performers & Business Partners**
 - **Founded in 1983**
 - **Customer driven**
 - **First to offer software-based encryption for NonStop**





ABOUT XYPRO

- **Fast Response Team**
 - 24 x 365 service
 - Quality driven, growing company
- **Highly Qualified**
 - Often sub-contract to Tandem/HP
 - Industry best practices, security review service
- **Offices in:**
 -  California, USA
 -  Ontario, Canada
 -  Birmingham, UK





The Top 6

- Ability to add ACLs with wild cards
- Warning Mode at the ACL level
- Access to user records
- Add a description field on user records and ACLs
- Allow remote systems to be specified on ACLs
- Allow diskfile ACLs to be added for non-existent files





The XYGATE Solution

- Ability to add ACLs with wildcards
 - XYGATE Supports the use of full Tandem wildcarding for any ACL entry
 - XYGATE supports the use of “Regular Expression” wildcarding for any ACL entry





The XYGATE Solution

- **Warning Mode at the ACL level**
 - XYGATE provides warning mode for both subsystem level and individual security rules
 - Also provided is the ability to perform “What if” and “Explain” scenarios





The XYGATE Solution

- **Access to user records**
 - XYGATE allows for the segregation of user management functions by any user, not just the owner or super.super





The XYGATE Solution

- **Add a description field on user records and ACLs**
 - XYGATE is self documenting. All object security rules are located in a single file and can contain as much descriptive information as required.
 - User management features provide for fully configurable user and alias documentation within the user management application and available across a network.





The XYGATE Solution

- Allow remote systems to be specified on ACLs
 - XYGATE allows remote system wildcarding, partial name wildcarding and exact name specification within security rules.
 - Alias specification and wildcarding is also provided for security rules locally and across the network.





The XYGATE Solution

- Allow diskfile ACLs to be added for non-existent files
 - XYGATE is a “Dynamic” object security mechanism unlike the “Static” Safeguard.
 - Object Access security records will be applied consistently, regardless of the existence of the secured objects
 - SQL tables can also be secured individually





Support Infrastructure

- **24 X 7 X 365 Support**
 - Email support@xypro.com
 - Telephone +1 805 583 2874
 - Technical Support, Development, QA, Management, and Sales all represent support staff.

