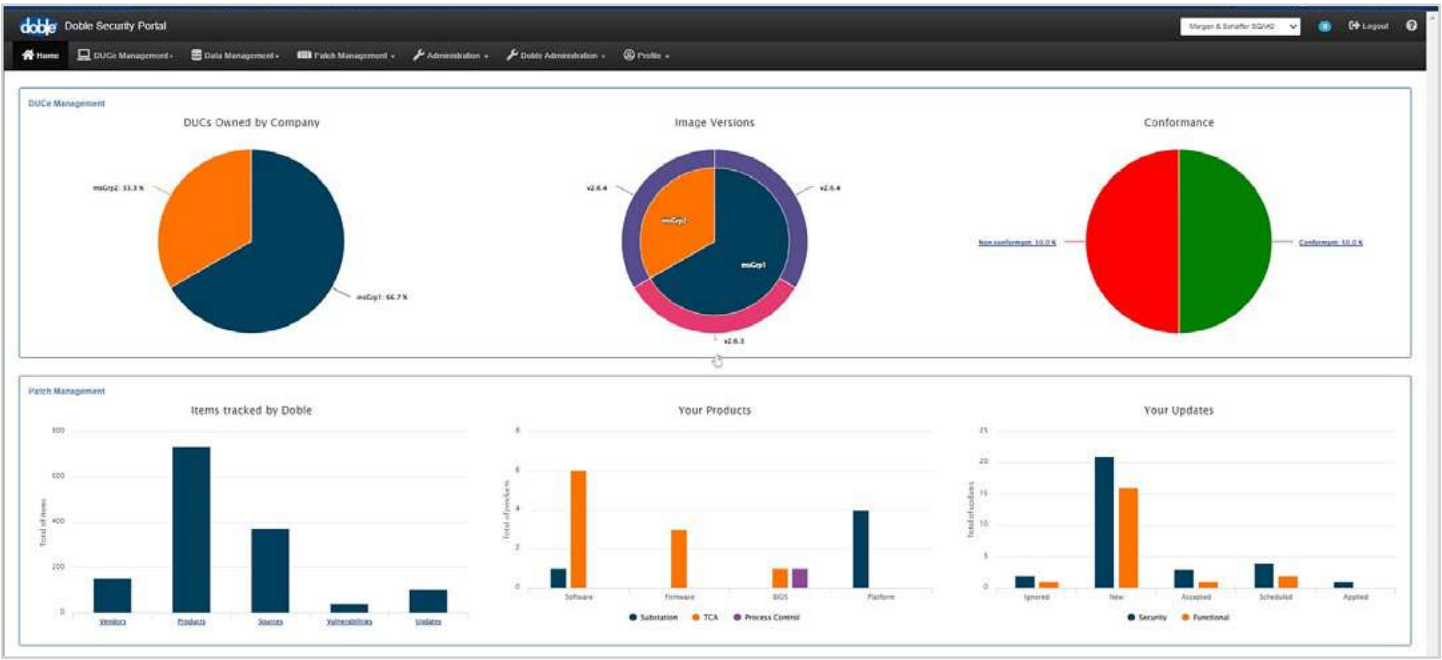
DOBLE CYBERSECURITY SOLUTIONS

PatchAssure™

Managed Security Software Patching

CENTRAL UPDATE MANAGEMENT FROM A SECURE PORTAL



Doble PatchAssure™ is a portal-based management solution that ensures IT and Compliance teams meet NERC CIP security patch and software update requirements easily, efficiently and economically. Cybersecurity experts from Doble consult with you to identify which of your cyber system products to include in your profile, then they prepare your Doble Security Portal™ access where you can login to see your CIP-reportable elements, including your transient cyber asset (TCA) fleet, and make clear-headed decisions on matters requiring your attention. Recommendations from Doble help you know when deployments are critical and which devices they affect. Workflow and compliance evidence are at your fingertips.

FEATURES

- Covers all aspects of patch management, from discovery to delivery.
- Covers all types of cyber assets, including substation devices and transient cyber asset (TCA) field computers.
- Covers all types of product updates, including security and functional enhancements.
- Modern, easy-to-use Doble Security Portal™ with comprehensive management and reporting of fleet devices and updates.

BENEFITS

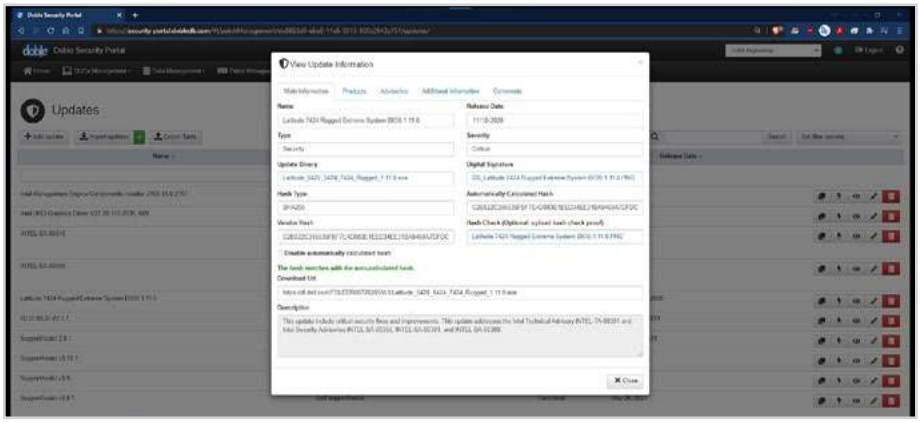
- Considerable cost and resource savings compared to in-house programs.
- Quicker discovery of vulnerabilities, patches, and emerging information.
- High degree of traceability and efficiency.
- On-demand evidence for NERC CIP audits.
- Doble expertise and support every step of the way.

DOBLE PatchAssure™

PatchAssure is a "one-stop shop" portal-based solution for software version and security patch management. Experts from Doble monitor for the availability of updates from hundreds of sources and provide notice via the Doble Security Portal to utility administrators which includes analytics and recommendations. The multi-factor authentication the Doble Security Portal provides prevents unauthorized access to clients' CIP asset information.

MONITORING

- Regular intervals of patch checking for asset inventory
- Software functional update availability for applications
- Advisories concerning patches and updates



ANALYSIS

- Purpose and criticality of patches and updates
- Cyber security vulnerabilities addressed by patches and updates
- Validation of patch and update sources - URLs, RSS feeds, email lists, etc.

QUESTIONS TO ASK

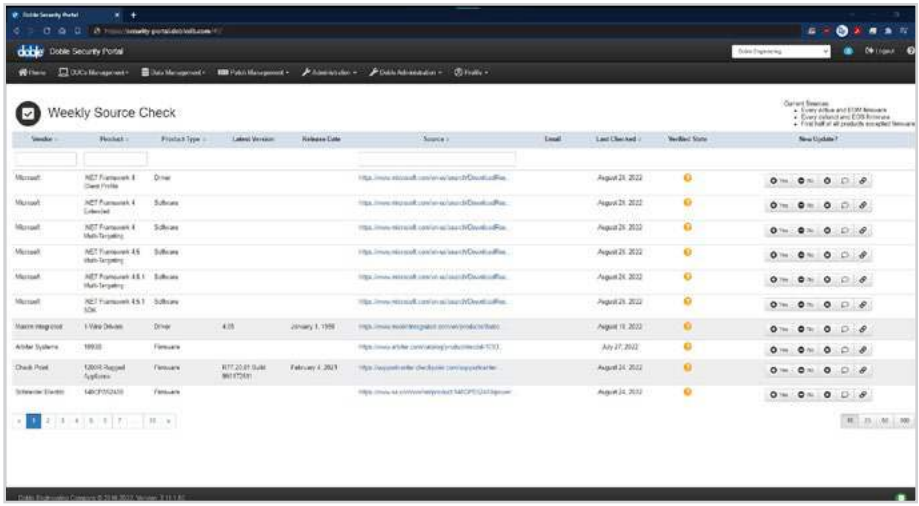
- Does the patch address a security vulnerability or weakness?
- Does the patch offer a new security feature or improved software performance?

VISIBILITY

- Individual decisions on patching/updating and timelines
- Lifecycle of patches and updates - New, Accepted, Scheduled, etc.
- History of patches and updates by product

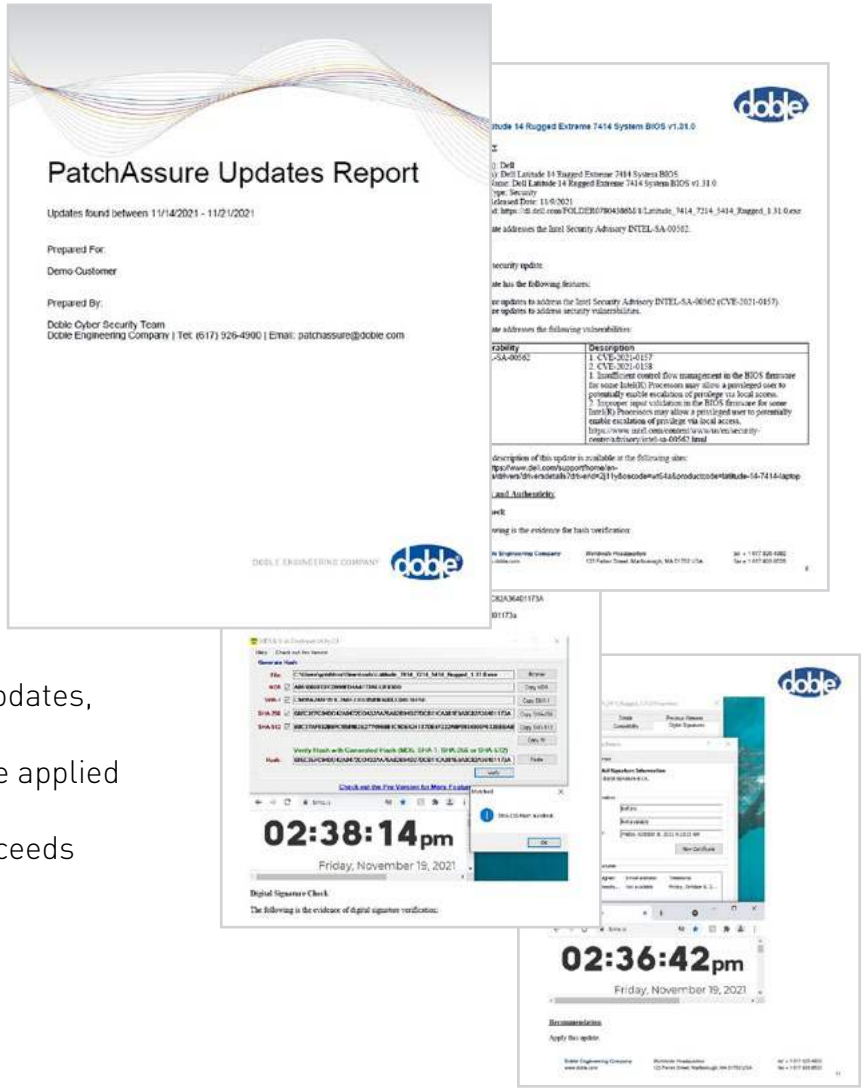
TRACKING

- On-demand access to patch, update, and TCA details
- Workflow actions regarding patches, updates and TCAs
- Management of users and notifications



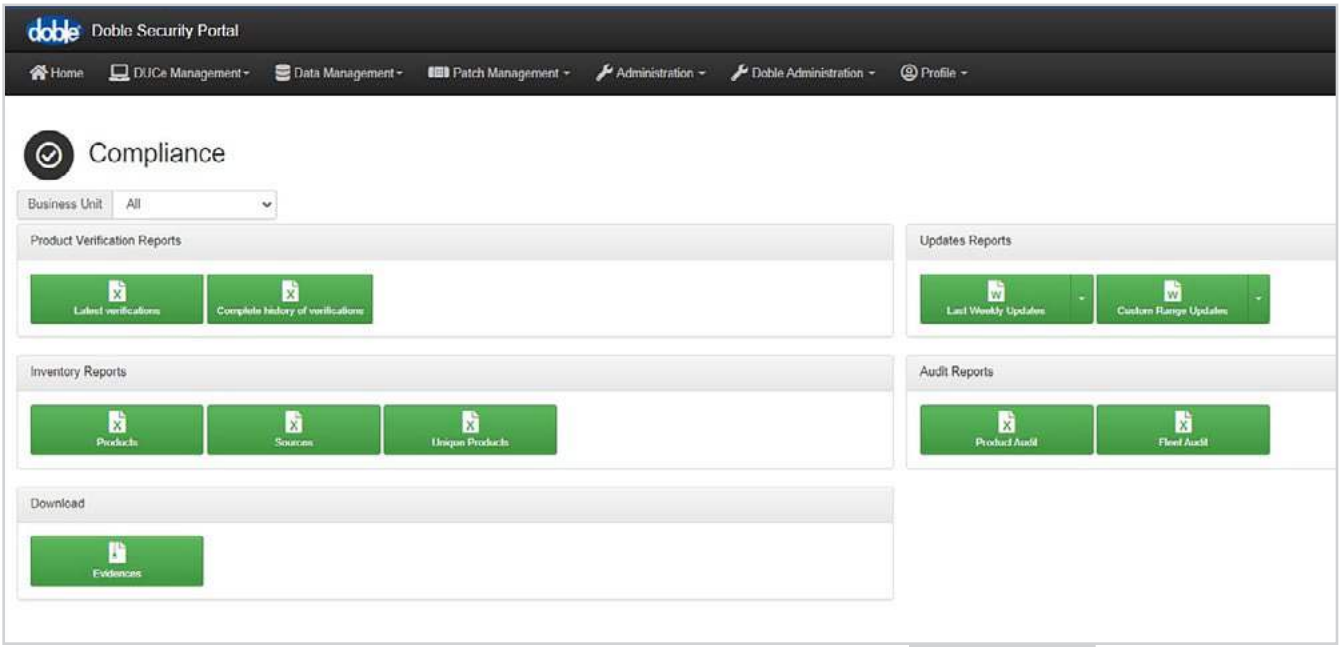
REPORTING

- Weekly report of relevant patches/updates, vulnerabilities, and advisories
- Proof that patches and updates were applied and sources were checked
- Auditable evidence that meets or exceeds NERC CIP requirements



NERC CIP COMPLIANCE READINESS

Leverage the tracking and reporting tools that PatchAssure provides to improve your company's NERC CIP-7 and NERC CIP-10 compliance stance:



CIP-007-6 R2 - Security Patch Management *Patch sources being tracked must be documented; at least once every 35 days, patches must be evaluated for applicability; within 35 following evaluation, patches must either be applied, or create a dated mitigation plan, or revise an existing mitigation plan.*	1. Patch sources are documented and also monitored for availability of patches. 2. Patches retrieved are analyzed for applicability and recommendations are given per classification criteria being met. Patch sources are checked weekly.
CIP-010-3 R1 1.6 - Configuration Change Management and Vulnerability Assessments *Software being patched must be verified for integrity and the source must be identified.*	1. *Patch integrity verifications are performed.* 2. *Patch sources are identified.* 3. *Details are provided in weekly reports.*

Doble Engineering Company
Worldwide Headquarters
123 Felton Street, Marlborough, MA 01752 USA
tel +1 617 926 4900 | fax +1 617 926 0528
www.doble.com

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