



# How does 3P® ENTERPRISE ensure compliance with the Highest International Standards?

| BENEFITS                       | REQUIREMENTS   | 3P® ENTERPRISE FEATURES  |
|--------------------------------|--|--|
| Authentication & Authorization | Automatic logoff                                     | 3P® CONNECT SOFTWARE and 3P® STATION automatically logs off users based on a configurable period of inactivity.  |
|                                | Authorization  | 3P® CONNECT SOFTWARE and 3P® STATION support Role-Based Access Control (RBAC) by leveraging built-in Software account authorization and Windows user rights management.  |
|                                | Person Authentication                                | 3P® CONNECT SOFTWARE and 3P® STATION manage person authentication either through the customer's LDAP policy or the local software policy.  |
|                                | Configuration of Security Features                   | Authentication services can be configured according to the customer's security policy, and associated with a Lightweight Directory Access Protocol (LDAP) centralized authentication provider. The web login interface of 3P® CONNECT SOFTWARE and 3P® STATION systems may both be integrated onto the customer's authentication services. |
|                                | Node Authentication                                  | 3P® CONNECT SOFTWARE and 3P® STATION implement mutual authentication through certificates between modules.   |
| Availability                   | Network Controls                                     | 3P® CONNECT SOFTWARE and 3P® STATION leverage Windows Firewall configuration for restricting traffic only to specific ports and services.  |
|                                | Malware Detection/Protection                         | For 3P® CONNECT SOFTWARE Anti-Virus of your choice can be installed and your custom security policies can be applied.<br><br>For 3P® STATION, Microsoft Windows Defender is included but an Anti-Virus of your choice can be installed and your custom security policies can be applied.   |
| Data                           | Classification(s) of Data Stored                     | 3P® CONNECT SOFTWARE and 3P® STATION doesn't store or processes any sensitive data.  |
|                                | Data Integrity and Authenticity                      | 3P® CONNECT SOFTWARE preserves data integrity by embedding audit trail features, where the audit trail entries are not prone to modification.<br><br>3P® STATION preserves data integrity by embedding features alerting on potential failures that could affect the data, including database referential.                                 |
|                                | Data Backup and Disaster Recovery                    | 3P® CONNECT SOFTWARE and 3P® STATION allow backup automation and retention settings configuration, as well as encryption and destination storage. The systems can be restored to a prior date with the assistance of bioMérieux support.   |
|                                | Transmission Confidentiality                         | For 3P® CONNECT SOFTWARE and 3P® STATION, data is encrypted using AES 256 prior to transmission. TLS 1.2 is supported.   |
|                                | Transmission Integrity                               | Enabling TLS 1.2 for communications grants native transmission integrity by protocol design.   |
| Audit                          | Audit Controls                                       | 3P® CONNECT SOFTWARE and 3P® STATION Audit Trail records cannot be deleted, are stamped and can be exported.   |
|                                | Regulatory Compliance                                | 3P® CONNECT SOFTWARE and 3P® STATION are designed to support 21 CFR11 compliance.  |
| Maintenance                    | System and Application Hardening                     | Cybersecurity risk assessments, penetration testing, static application security testing, vulnerability monitoring, and manual code review are performed as part of the Software Development Lifecycle (SDLC) of 3P® CONNECT SOFTWARE and 3P® STATION, ensuring appropriate hardening.   |
|                                | Cybersecurity Product Updates                        | 3P® CONNECT SOFTWARE and 3P® STATION will receive periodic updates as needed to remediate discovered vulnerabilities. These updates can be deployed through VILINK®.   |
|                                | Third-party Components in Product Lifecycle Roadmaps | Software Composition Analysis are performed to facilitate Software Bill of Materials (SBOM) generation and to ensure that all libraries and third-party components stay up to date.  |
| Other                          | Security Guides                                      | A detailed Product Security Technical Whitepaper is available for both 3P® CONNECT SOFTWARE and 3P® STATION.   |
|                                | Note   | This features have been assessed for the 3P CONNECT SOFTWARE v3.X and 3P STATION v3.X, in case of future releases differences may apply  |



# 3P® ENTERPRISE CYBERSECURITY BY DESIGN



Your Ally in Advancing Quality

# CYBERSECURITY BY DESIGN

## 3P® ENTERPRISE



3P® SMART PLATES



3P® CONNECT SOFTWARE



3P® STATION



SERVICES

## EMPOWER THE FUTURE

3P® ENTERPRISE is a comprehensive solution that includes 3P® SMART PLATES, 3P® CONNECT SOFTWARE and the 3P® STATION that offers an end-to-end solution for digitalization and automation which maximizes efficiency, data integrity, and allows total control of the Environmental Monitoring program. In order to ensure the highest standards of cybersecurity, bioMérieux developed the 3P® ENTERPRISE under the cybersecurity by design approach.

### PROACTIVITY

- Development and maintenance of 3P® CONNECT SOFTWARE and 3P® STATION are performed following a secure development lifecycle integrating mandatory security activities and in compliance with standards and guidelines such as 21CRF11, and TIR57.
- A cybersecurity risk assessment is performed prior to each 3P® CONNECT SOFTWARE and 3P® STATION release to ensure safety & security.
- Continuous updates and upgrades are released and made available via VILINK® for 3P® CONNECT SOFTWARE and 3P® STATION with the latest features and cybersecurity improvements.

### SURVEILLANCE

- 3P® CONNECT SOFTWARE and 3P® STATION solutions are scanned for cybersecurity threats using an external reference tool. All scanned vulnerabilities are assessed for impact and criticality, and are corrected in a patch if relevant.
- A cybersecurity bulletin is issued internally for 3P® CONNECT SOFTWARE and 3P® STATION.

### EXPERTISE

- bioMérieux enforces data protection by implementing security features in compliance with current standards, such as cryptographic measures, role-based access control, malware protection, or a strong backup and restore process.
- Using encrypted transmission protocols, security of confidential data processed by 3P® CONNECT SOFTWARE and 3P® STATION is ensured during its entire lifecycle.
- For every new 3P® CONNECT SOFTWARE and 3P® STATION release, penetration tests are performed by external companies to detect new vulnerabilities and threats. All found vulnerabilities are assessed (impact/criticality) and corrected in a patch if required.

