tds

Digital Transformation in the

PHARMACEUTICAL INDUSTRY

Optimizing your pharmaceutical facilities globally for more efficient facility management.

Digital Transformation in the Pharmaceutical Industry

TDS in the Pharmaceutical Industry

Pharmaceutical centers deal with a diverse range of technology, active ingredients and machinery, coupled with large numbers of employees, contractors and other visitors on a daily basis.

TDS is experienced in ensuring the safety and security of the world's leading pharmaceutical organizations through our highly advanced and future proof systems. Our flexible technology allows for full visibility of all on-site personnel and intelligent emergency response support.

A Range of Pharma Clients

TDS currently works closely with some of the largest Pharmaceutical companies in the world, including AstraZeneca, Janssen, Eli Lilly, Stryker and GSK.

TDS provides SaaS Visitor Management, Access Control, Life Safety and Emergency Evacuation solutions on a global scale.

TDS Pharmaceutical solutions

- o Real-time Access Control monitoring

- o Digital Visitor & Contractor Management

- o Emergency head counting

- o Biometric Identification and Facial Recognition

- o CCTV Integration

- o Mobile Security (MIPs)

- o Beacon Tracking

- o Time & Attendance integration
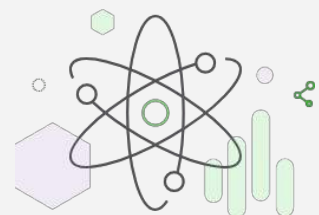
Visitor Management in the Pharmaceutical Industry

Why invest in a Visitor Management solution?
Multinational organisations have ventured down the Digital Transformation route to avail of countless opportunities that can improve employee efficiency and improve the security of its employees, facilities and assets effectively.

Recently, receptions and foyers of enterprises have been a topic of discussion in the digital world. With GDPR taking full effect in the EU and consumer power being stronger than ever, the visitor experience has become more important to Super Enterprises that seek to remain at the very peak of their industry.

> " *82% of companies Feel that a VMS creates a safer working environment.*

Visitor Management in the Pharmaceutical Industry
In the highly regulated Pharmaceutical industry, clients seek to safeguard compliance by assessing visitor risk prior to granting access to the facility. Health screening questions are presented to all visitors with subsequent screens dependent on client responses.

Contractor management is a key focus with security-related questions presented to contractors only, where contractors are unable to confirm essential security documentation access was denied.

By providing a visible record of all visitors and contractors and their security screening responses the organisation safeguards compliance with industry-specific regulations.

Advantages of going Digital

- **Self-Service Visitor Transparency**
  True verification of visitor credentials and issuing of visitor badges.

- **Eliminate Queues**
  Reduce your check in process down to just 20-30 seconds per visitor, depending on the specified user workflow.

- **Paperless Administration**
  Electronically signed documents are stored in the Cloud for quick referencing

- **Data Protection and Compliance**
  GDPR, ISO 27001. CSA, PCI and ITAR standards are all met with TDS Visitor

- **Extensive Dashboard Support**
  Assist in the visitor process from the reception desk by checking-in visitors, contacting hosts, and printing badges.

- **Event Registration**
  Streamline group visits and reduce reception bottlenecking for high volume events.

Advantages of a digital Visitor Management solution

In today's global business environment organisations with facilities spread across the world, managing the flow of visitors requires organisations to take a global approach to their visitor management practices.

With visitors and employees alike moving between offices, what works well at a local level may prove ineffective on a global scale.

Complete Visitor Transparency
TDS Visitor's back end shows a live database view by of all locations, offices and collection points, giving you a real-time look at your global facilities.

Custom Workflows at each facility
With different facilities requiring different levels of security, the 'custom workflows' option is a great advantage for companies welcoming visitors on a global scale. This functionality allows companies to standardise certain elements across their global estate, but
also allowing for certain changes on a local level. The simple drag-and-drop feature allows for companies to add steps such as NDA Signing, Photo Capture and Instructional Videos to the check-in process, all from one centralised configuration.

Detailed Insights and Reporting Suite
TDS Visitor has a comprehensive and detailed reporting suite which allows authorised personnel to view a companies full global outlook, by location, office, collection point. Analytics include Headcount, host, pattern, registration type, visit reason and feedback. These reports can be pulled by by hour or any specified date range, with an in-built simple export to Excel or CSV feature included.

Scalable Security
While many variables may differ across locations from a security perspective one critical element remains the same, unwanted guests are unwanted everywhere. By leveraging the power of global watch lists, your security team can ensure any unwanted guests are screened with any action necessary taken in advance of the visitor's arrival on-site.
A SaaS Visitor Management solution increases visibility across multiple locations, improves the security process and standardises processes on a global level.

Security and moving to the Cloud

Companies need to make smarter decisions in order to stay competitive. With big data, and the associated analytics being used as a powerful driver for change, there's an ever increasing importance in how data is formatted, analysed and kept up to date.

> " *83% Of Enterprise Workloads Will Be In The Cloud By 2020.*
> Forbes

How is security managed in the TDS Cloud?
Users created on TDS Cloud have access to client instances for the sole purpose of system support. Each user is responsible for maintaining their own account and where relevant, are requested to set-up public/ private key pairing for authentication against systems. All AWS admin accounts that integrate with TDS Cloud are required to complete a two-factor authentication process to log-in.

How does the TDS Cloud assure compliance?
Members of the infrastructure team have full access to the environment for installations, back-ups, maintenance and other system processes. Support team members are granted limited access to the environment to aid in the configuration and troubleshooting of tickets.

What data audit logs are available?
Detailed audit logs are stored to track all changes made to the system.

How is data encrypted?
Primary data is encrypted by an Amazon RDS encryption using AWS Key Management Service (KMS). All keys created for clients and hosts are inaccessible for Amazon employees, only Agros support personnel have the authorization to access and manage these keys. Amazon RDS encrypted instances use the industry standard AES-256 encryption algorithm to encrypt client data on the server that hosts their Amazon RDS instance.

What support is provided in cases of breach?
Greylog is deployed in our AWS infrastructure to analyze logs and provide event correlation in the unlikely event of any breach. Greylog utilizes AWS CloudTrill Logos which provide insight on all actions of a user in our AWS environment, enabling a full visibility of user actions.

What type of data archiving options are available?
Data archiving to match with client existing processes is available. All queries queries have been heavily optimized to ensure large datasets don't impact client performances. For each database instance made available to a client, there is up to 6TB of storage provided by default.

Achieving GxP Compliance in Pharma with TDS Cloud

What is GxP?

GxP is an acronym that refers to regulations and guidelines that are applied to life-science organizations that manufacture food and medical products such as drugs, medical devices and medical software applications.

What is the purpose of GxP?

GxP requirements have been created to ensure food and medical products are safe for consumers and also ensure the integrity of data used to make product-related safety decisions.

What activities does GxP encompass?

GxP encompasses a range of compliance-related activities such as, Good Laboratory Practices (GLP), Good Clinical Practices (GCP) and Good Manufacturing Practices (GMP) to name a few.

Each of these have their own product-specific requirements that life-science organizations must implement based on the type of product they make and the country where they are sold.

When life-science organizations use computerized systems to perform certain GxP activities, they must ensure that the computerized GxP system is developed, validated, and operated appropriately for the intended use of the system.

AWS Security and Quality Certifications

- ISO 9001
- ISO 27001
- ISO 27017
- ISO 27018
- NIST 800-53 Compliance

GxP Compatibility

Is TDS Cloud GxP compatible?

As TDS Cloud is developed on AWS, all of our client requirements are catered to via AWS. For a detailed report on using the AWS Cloud for GxP systems, you can read the white paper: Considerations for Using AWS Products in GxP Systems. This eBook paper was developed in collaboration with AWS pharmaceutical and medical device customers, as well as software partners, who are currently using AWS services in their validated GxP systems.

Has an organization used AWS in GxP systems?

Numerous AWS customers have successfully developed, validated and operated their GxP system using AWS services. AWS regularly work with GxP customers and their auditors in planning, developing, validating, operating and auditing GxP systems that use AWS services as a component.
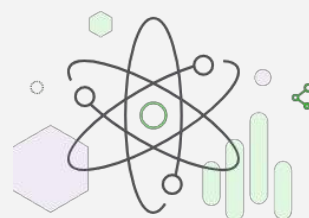
Advantages of moving to the Cloud

No Hidden Costs
A long term value for money solution. The annual fee is inclusive of: hosting, support and maintenance, server licenses, Oracle licenses, patches, critical updates and more.

Secure Solution
Cloud security at TDS is the highest priority and it protected by the highest standards of security, using AWS RDS.

Fully Scalable Solution
As your organization grows & changes, services and resources can be quickly added and subtracted - Your application can scale up or down based on your demand.

Easy-to-use System
Getting started with TDS Cloud is simple, no matter what product category you are using. TDS Cloud is designed to securely host your application.

Highly Stable Solution
The technical environment available to our customers through TDS Cloud typically provides our clients with a more resilient, high quality and flexible infrastructure than you can achieve in-house.

Learn more about TDS Visitor

The most advanced, flexible and complete Visitor Management solution on the market, trusted by the world's largest pharmaceutical companies around the globe.

- Pre register guests
- Live tracking of visitors on site
- Event Management portal included
- Full reporting and analytics dashboard

Free Demo