



रसायन एवं पेट्रो-रसायन विभाग  
DEPARTMENT OF  
CHEMICALS & PETRO-CHEMICALS

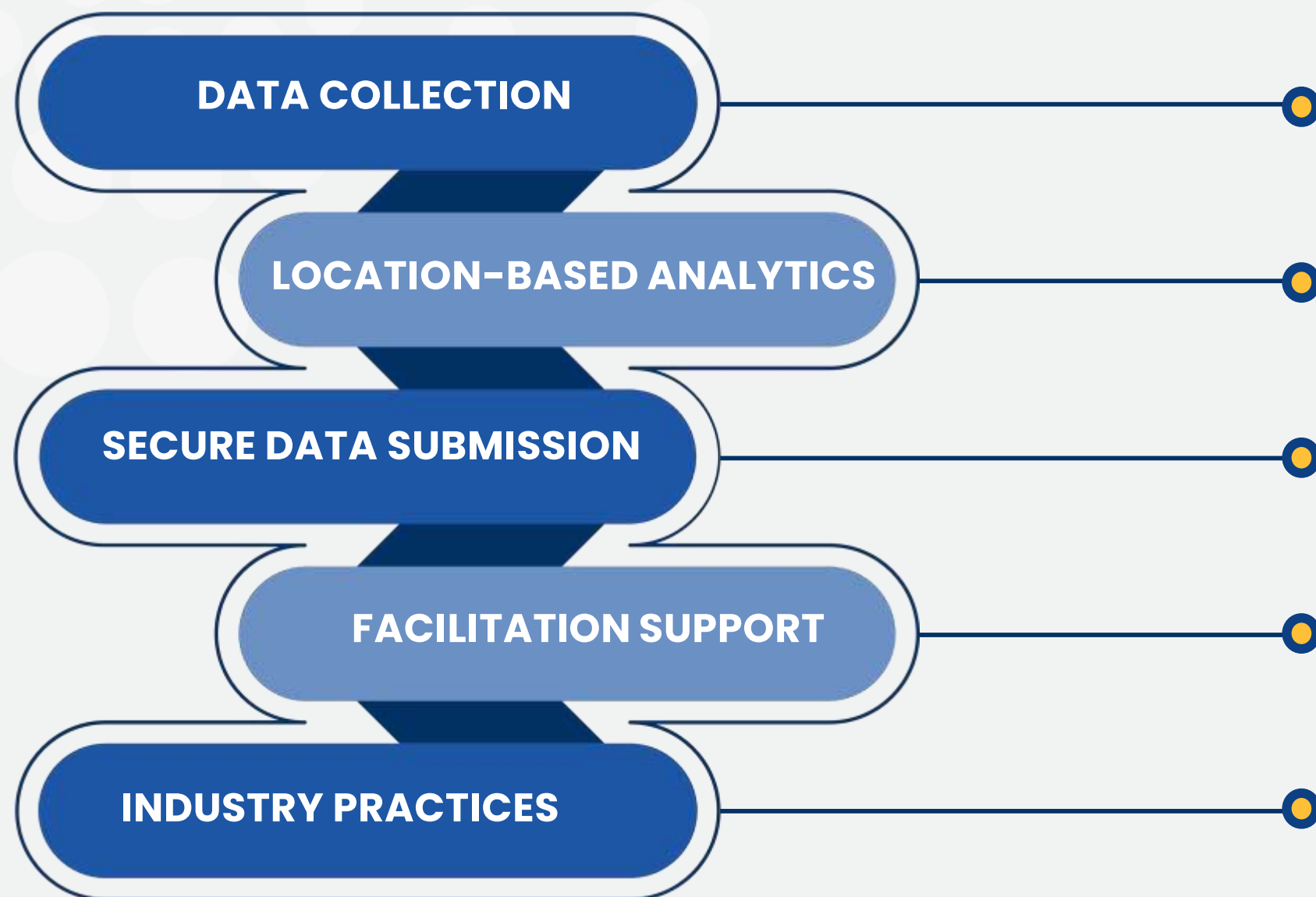
# CHEMINDIA PORTAL OVERVIEW

Streamlining Data Management for Industries and Stakeholders

<https://chemindia.chemicals.gov.in>



# Objectives of ChemIndia



## DATA COLLECTION

It enables robust data collection covering important aspects such as Production Quantity, Installed Capacity, Import, Export and Sales and chemical characteristics

## LOCATION-BASED ANALYTICS

Integration with GIS Dashboards offers intuitive location-based analytics for valuable insights on a single screen.

## SECURE DATA SUBMISSION

The platform incorporates a secure data submission system with notifications, tracking, and alerts for timely submissions.

## FACILITATION SUPPORT

To establishment of an Industry Facilitation Support System.

## INDUSTRY PRACTICES

To develop a platform for the dissemination of Best Industry Practices.



# ChemIndia-Features

This web-based software provides a centralized, scalable platform for data management, supporting up to 150,000 industries and 25,000 concurrent users. It offers customizable data fields, automated data ingestion, and real-time analytics with GIS dashboards. The system ensures data confidentiality, cybersecurity, and compliance with GIGW guidelines, with security audits by CERT-IN. It also features automated communication tools, including reminders and a ticketing system for query resolution, alongside customizable user roles for secure access and data governance.

## 1 Centralized, Scalable & Customizable Data Management

- Cloud-based platform with custom data fields and support for 150,000 industries & 25,000 concurrent users.
- Enables automated data ingestion without manual entry, adaptable to changing policies.

## 2 Data Analytics, Validation & Reporting

- Provides real-time data analytics, customizable reports, and GIS dashboards.
- Built-in data validation to minimize errors and ensure data accuracy.

## 3 Security, Confidentiality & Compliance

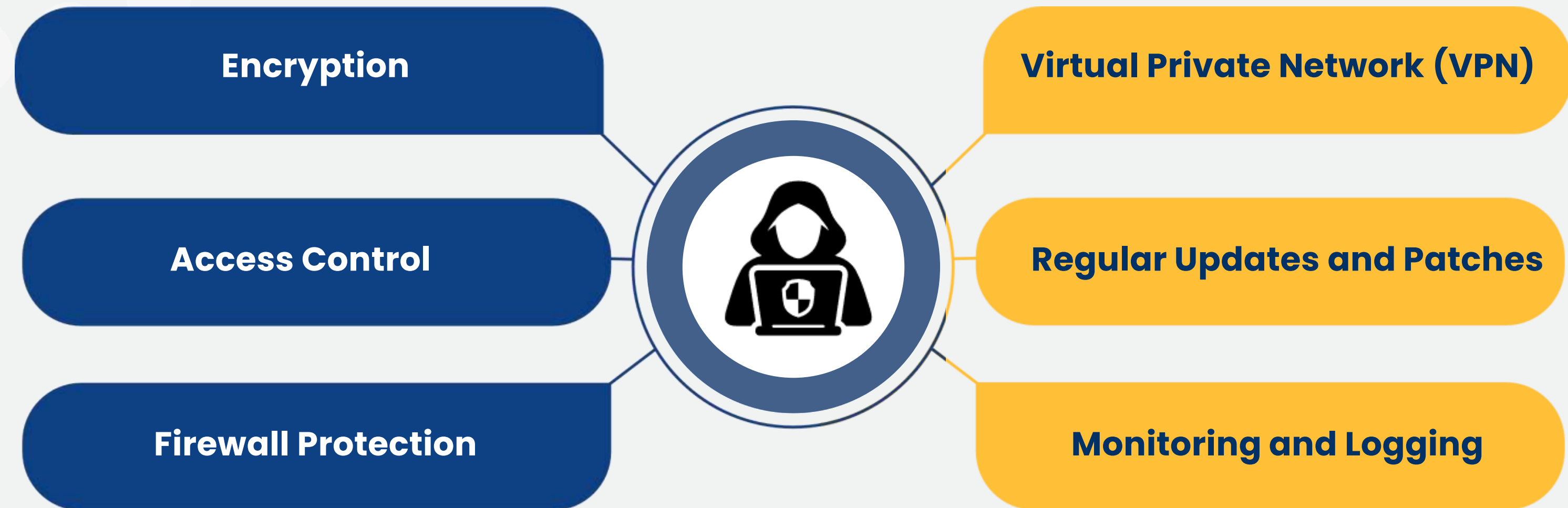
- Ensures data confidentiality and protection against cyber threats.
- Complies with GIGW Version 2 guidelines and is CERT-IN audited.

## 4 Communication, Query Resolution & User Management

- Automated reminders, acknowledgements, and a ticketing system for query resolution.
- Customizable user roles for secure access and data governance.

# Portal Security

This security framework ensures the protection of data and systems through key measures: encrypted data transmission, strict access controls with role-based permissions, firewall protection for servers, VPN usage for secure connections, regular updates and patches to address vulnerabilities, and continuous monitoring and logging to detect security incidents. These strategies collectively enhance data security and prevent unauthorized access.

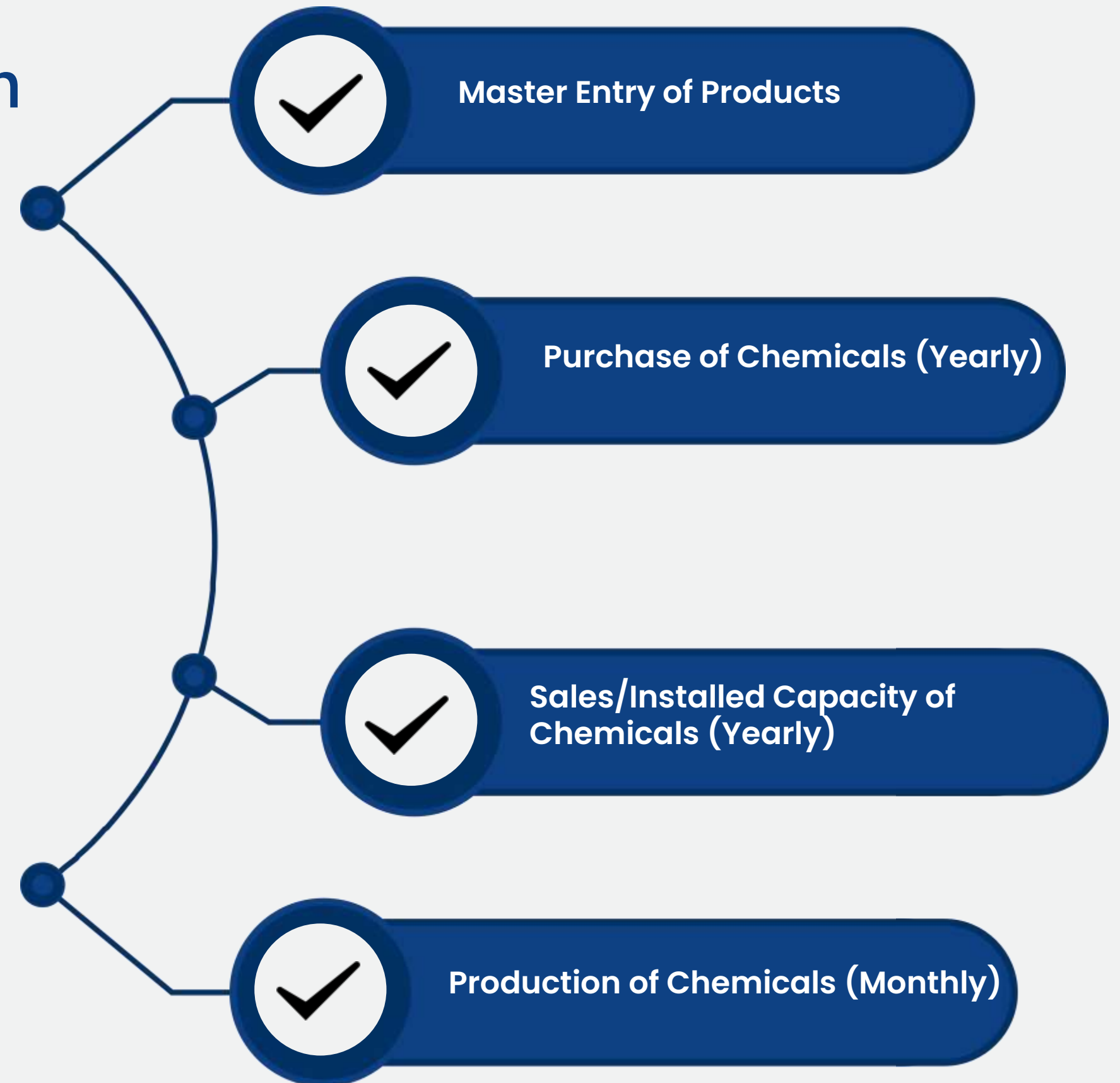


# Intended Data Types and Submission Cycles

**Production Data:** Submitted monthly by each unit to track ongoing production.

**Yearly Data:** Comprehensive data overview submitted annually for regulatory compliance.

- **Purchase of Chemicals:** Details of imports submitted annually to monitor international procurement.
- **Sales/Installed Capacity of Chemicals:** Annual submissions detailing export activities for trade and regulatory tracking.



# BENEFITS



- **Share Best Practices:** Centralize successful strategies for industry-wide adoption, helping businesses improve operational efficiency and sustainability.
- **Track Performance & Trends:** Provide real-time data on market trends, production levels, pricing, and environmental impacts, aiding decision-makers in staying ahead of the curve.
- **Ensure Data Accuracy:** Offer precise data management and analytics, ensuring stakeholders can make informed, data-driven decisions with confidence.
- **Promote Innovation:** Support research, technological advancements, and sustainable practices, encouraging industry-wide innovation.
- **Aid Policymakers:** Provide critical data to help policymakers create informed regulations that balance industry growth with environmental and safety standards.
- **Facilitate Research:** Offer comprehensive datasets and analytical tools to empower researchers and stakeholders in their studies and innovations.
- **Support Industry Efficiency:** Streamline operations, enhance regulatory compliance, and connect businesses with necessary resources and experts through an integrated support system.
- **Foster Collaboration:** Enable collaboration between industry, academia, and government, promoting joint research and the development of new solutions.
- **Enhance Global Competitiveness:** Provide a platform for benchmarking global trends, helping industries remain competitive in a rapidly changing global market.

## **| Answer of some common questions raised by the industries**

Q : Is data submission is mandatory?

A: Yes.

Q : Under which Rule, it is mandatory?

A: ChemIndia portal is notified under the collection of Statistics (CoS) Act, 2008 enacted by the Parliament of India.





## **| Answer of some common questions raised by the industries**

Q : Is there any penalty for non submission of data?

A: Yes. There is a financial penalty for non submission of data.

Q : Is data shared with any person or another company?

A: No. There is secrecy clause in CoS Act, 2008 which mandate information collected should be kept confidential.





## **| Answer of some common questions raised by the industries**

Q : Do industries required to be submit data on:

- Paint
- Cosmetic products
- Fire works
- Petroleum product like lubricants etc.
- Pharmaceuticals products
- Fertilizers
- Metals in pure form

A: No





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# THANK YOU!

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