



# Process Audit

Powered by Df-OS  
(Digital Factory Operating System)



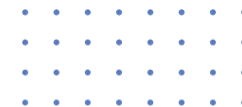




# Table Of Content

01	Project Background	05	User Interface
02	Problem Statement	06	Key Results
03	Proposed Solution	07	Benefits
04	Process Workflow	08	Contact Us





# Project Background

Process audits are essential for evaluating the effectiveness and efficiency of organizational processes to ensure they meet specified standards and achieve desired outcomes.

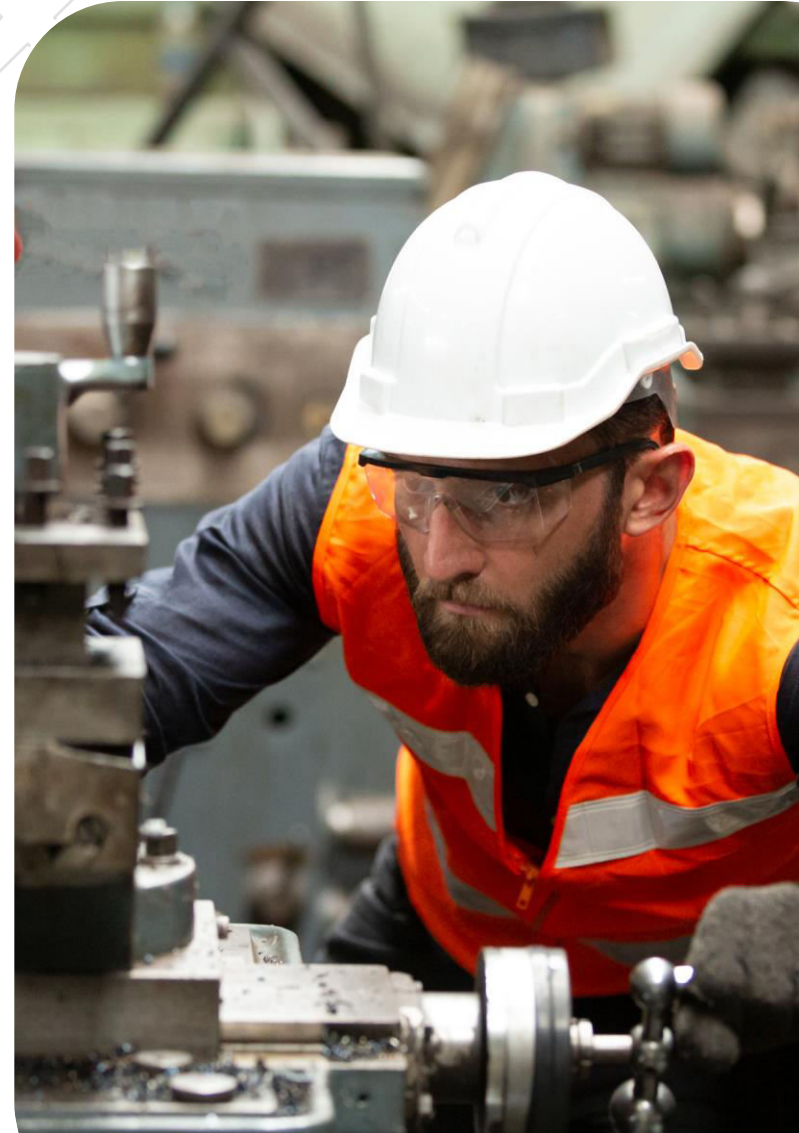
The Digital Factory Operating System (Df-OS) has been implemented to digitize the process audit, replacing traditional paper-based forms. This transition has resulted in significant improvements in data collection, analysis, and reporting. Df-OS automates data gathering, streamlines reporting, and enhances collaboration, ultimately improving audit effectiveness and supporting continuous process improvement across the organization.



# Problem Statement

Prior to the deployment of Df-OS, the paper-based process audit system was often slow, prone to inaccuracies, and cumbersome.

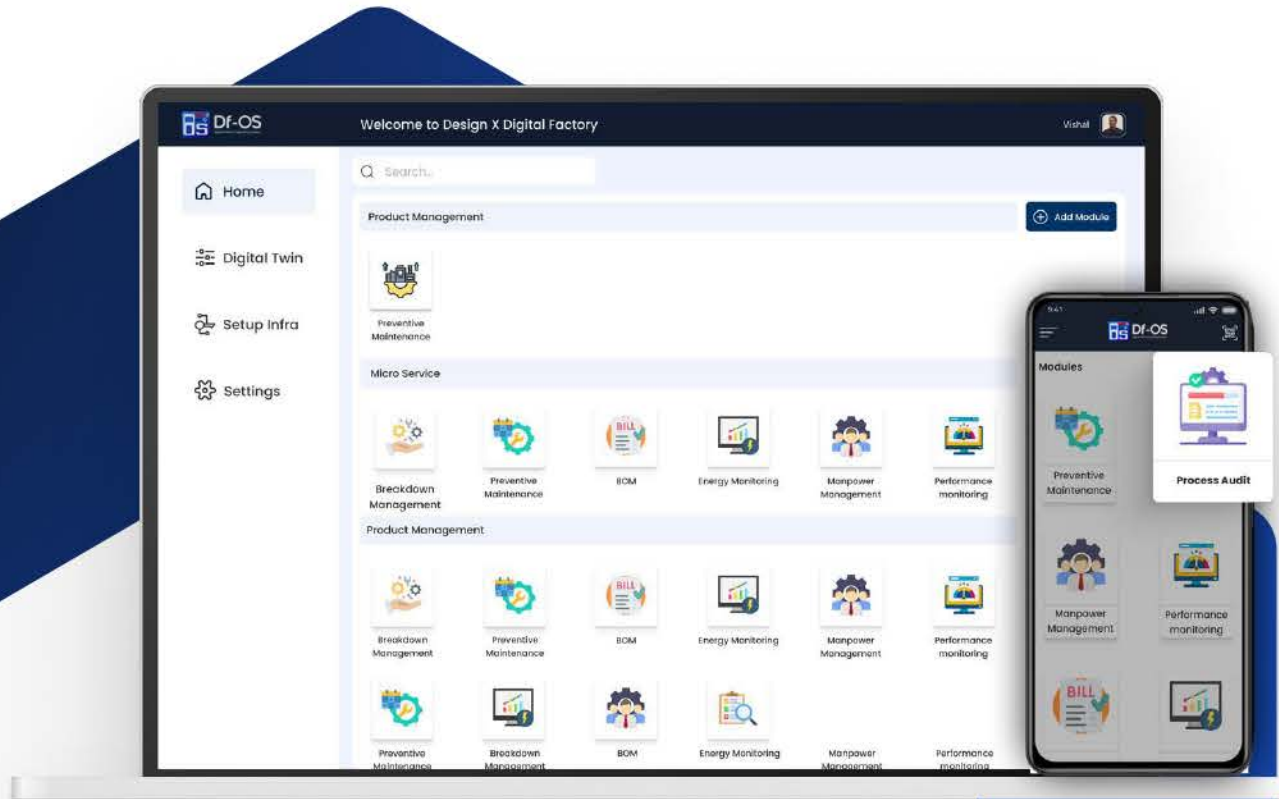
Manual data entry led to **frequent errors**, and **tracking findings** and recommendations was challenging without a centralized system. This **inefficiency** resulted in **delayed decision-making**, making it difficult to identify areas for process improvement. Additionally, the **lack of real-time visibility** into audit results hindered the organization's ability to respond proactively to emerging issues.



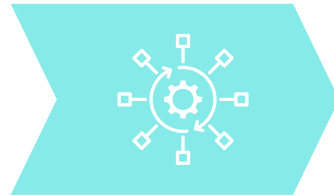


# Proposed Solution

- **Digital Checklists:** Customizable templates for consistent audits.
- **Real-Time Data Collection:** Mobile data entry enhances accuracy.
- **Analytics and Reporting:** Dashboards for quick insights and trend analysis.
- **Document Management:** Central repository for easy access to audit documents.
- **Mobile Access:** Conduct audits anywhere, even offline.



# Process Flow



Processes Deployment



Digital Audit Execution



Task Allocation &  
Follow-Up Actions



Actions Reviewal &  
Audit Approvals



Real-Time Data  
Monitoring



# User Interface

Process Audit

October 2024

Mon	Tue	Wed	Thu	Fri	Sat	Sun
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

**Curing Audit Sheet- DIV B**

Plant : DIV B...

Area : Curing Department

Resource : Curing Press

ATCP037 - (Div B)

**Lab Audit DIV A**

Plant : DIV A...

Area : LAB

Resource : LAB

Activity Insight Task To Me Schedule

NC Closure

Nc Closure

Department

Enter Answer

Observation

Enter Answer

Correction

Enter Answer

Status

Enter Answer

Preview Save Draft Submit

Curing Audit Sheet DIV B

Plant

DIV B...

Area

Curing Department

Machine

Curing Press - ATCP037 - (Div B)

Machine Status

Machine Condition

Select Answer

Catcher Image

File Format jpeg.png Recommended

Size 600x600 (1x)

Vent Cleaning Adherence At Mould Shop

Ok

Not Ok

Preview Save Draft Submit

Submission Details

Tyre Building-Stage 2 DIV B

Submitted By : Rajesh Kumar

Audit Date : 03 October, 2024 | 12:35 pm

Plant : DIV B...

Area : Tyre Stage 2..

Resource : Strip Winding004(M4M)

Ticket No : 221547

Submitted By : Rajesh Kumar

Audit Date & Time : 23/01/2024 | 12:35 Pm

Submission Duration : 00:06:42

Proxy Date : 15/09/2024

Approval Status : Pending

Machine Status

General Details

Size

Screw Zone Temperature

Body 1 Zone Temp

Body 2 Zone Temp

Head Zone Temp

Tread Compound Code And Lab

# Key Results



**Reduction in Audit Duration:** The deployment of Df-OS has streamlined data collection and reporting processes, significantly decreasing the time required to complete audits.



**Enhanced Accuracy of Audit Findings:** Automated data entry in Df-OS has reduced human errors, resulting in more reliable observations and conclusions.



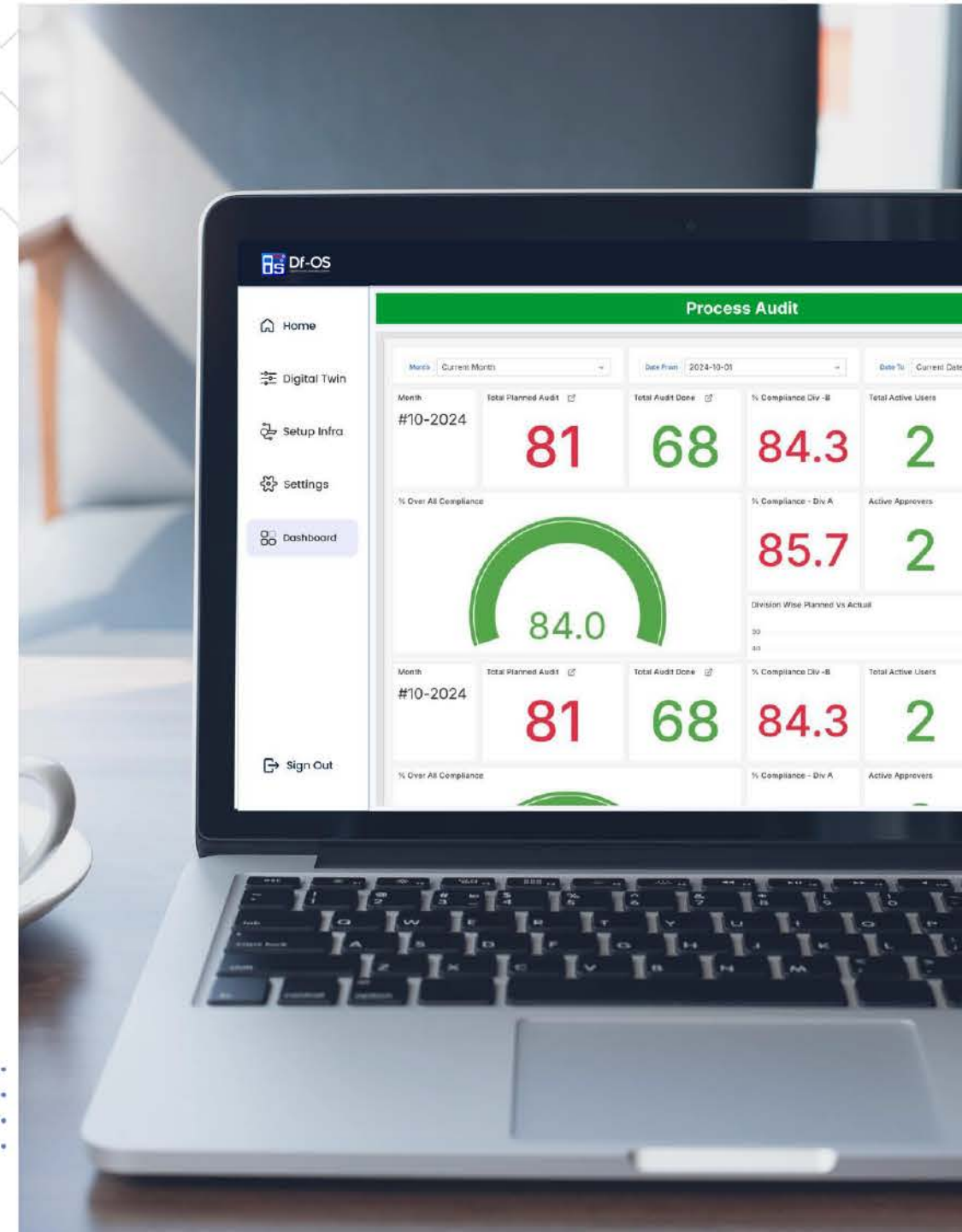
**Increased Transparency in Audit Outcomes:** Real-time tracking through Df-OS has improved visibility into the audit process and findings, fostering accountability across teams.



**Improved Implementation of Corrective Actions:** Automated notifications from Df-OS ensure timely follow-up on identified issues, enhancing the efficiency of resolutions.



**Data-Driven Insights for Process Enhancement:** Historical analysis of audit data within Df-OS provides actionable insights into process performance and areas needing improvement.





# Benefits



**Better Compliance with Process Standards**



**Central data repository for real time monitoring**



**Informed decision-making**



**Streamlined audit processes**



**Seamless remote accessibility**



**Culture of continuous improvement**

# Contact Us

Unlock the transformative potential of Df-OS for your factories and operations. Connect with us today via phone, email, or LinkedIn to learn more!



<https://dfos.ai>



[info@dfos.ai](mailto:info@dfos.ai)



+91 8595770364



<https://www.linkedin.com/company/dfos/>

