Jaaji Technologies

Sophistication with Simplicity

inSis Reports

Digitalize your Manual Reports
and increase the efficiency of operations

Our Valued **Customers**

Oil & Gas	IndianOil, NAYARA ENERGY, GAIL (India) Limited, KNPC, ESSAR OIL UK, ADNOC
Chemical	NAGARJUNA, Sipchem, Coromandel, epsilon carbon, ADITYA BIRLA
Metals & Mining	JSW, TATA STEEL
Power & Renewables	sembcorp, OPG Power Ventures Plc, BVPL, KSK, S V POWER PVT LTD, NTPC, RattanIndia Power Limited, Adhunik POWER, NPL Nabha Power Limited, ABB, meenakshi energy INDIA POWER Adding power to life
Engineering	AZAD, Indian Railways
Cement & Others	ANJANI CEMENT, Anjani Portland Cement Limited (A Subsidiary of Chettinad Cement Corporation Ltd.), VEXL

Our solutions meet the specific needs of your manufacturing plants

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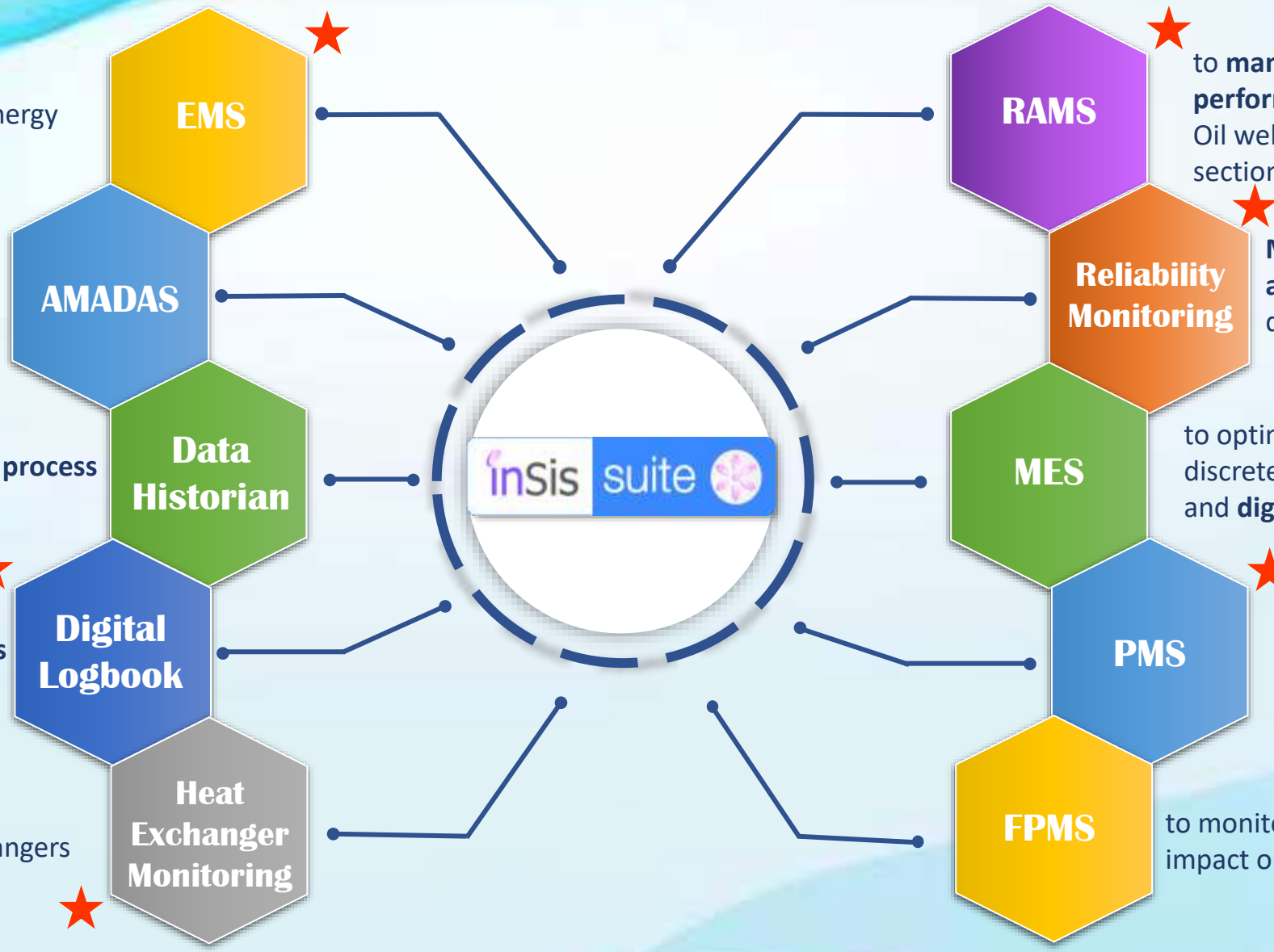


to monitor **energy efficiency**, specific energy consumption

to calibrate, maintain and improve **reliability & availability of Analyzers**

to centralize your **process data** for analytics

to **digitize your logbooks** for quick decisions

to monitor **operational efficiency** of Heat Exchangers

to **manage remote assets performance in** real-time (incl. Oil wells, Assets in Utilities sections)

Monitor the reliability and availability of critical assets that define the overall profitability

to optimize the execution of discrete manufacturing processes and **digitalize shopfloor**

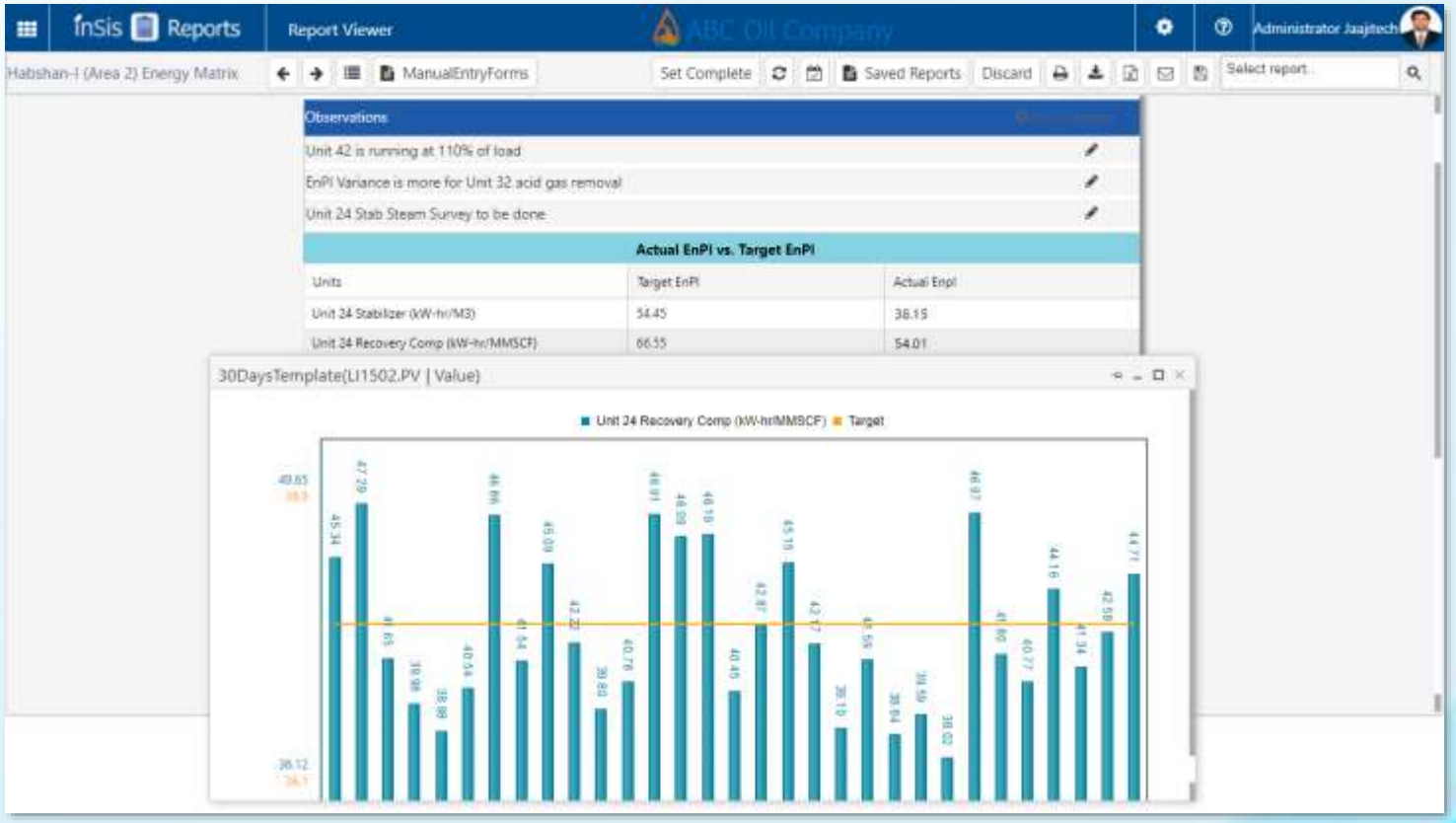
to **simplify performance calculations & reporting** to drive decision making quicker and easier

to monitor **Furnace health** and impact on process

★ **Trending Solutions**

inSis Reports Automation

- inSis Reports collects and stores the real-time data from,
  - ✓ DCS, Historians
  - ✓ LIMS
  - ✓ SAP Etc.
- Web-based, self-service reports configuration, generation & distribution
- Comprehensive management of Reports central with role-based access
- Customizable Manual Data Forms to collect manual data from users
- Can handle typical Calculations required for report
- Integration between Dashboards, Reports for better data visibility and understanding
- Report can be scheduled and shared for collaboration



Web Based Reports

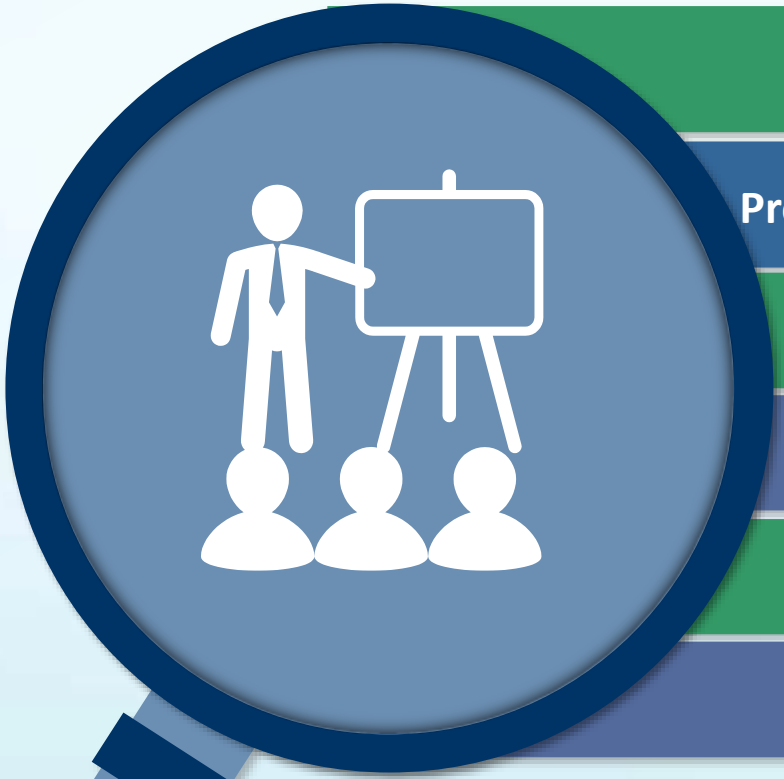
Report Monitoring

Reports Sharing

Email Report

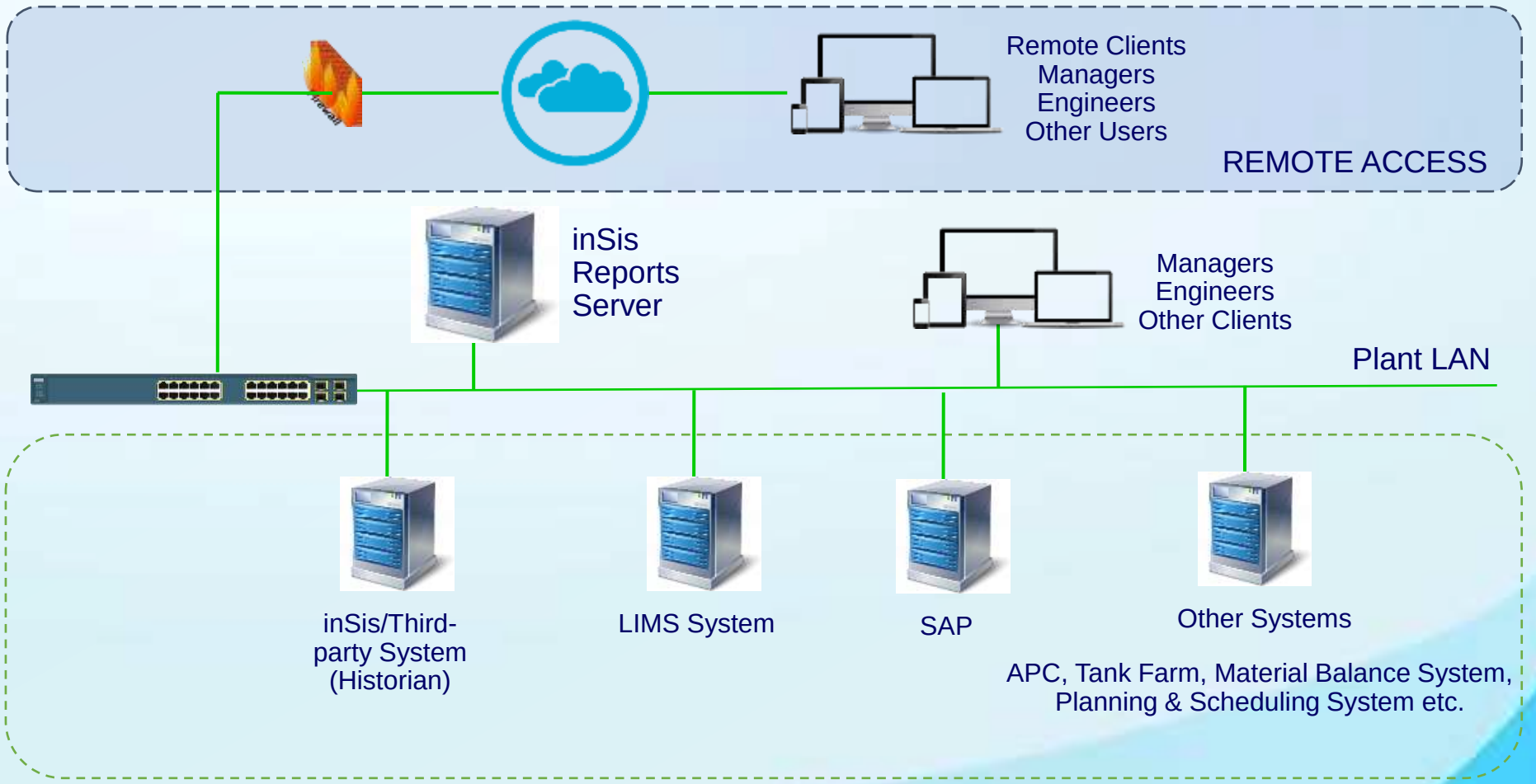
Report Scheduler

Challenges in Manual Reports



- Human Errors in Manual Data logging/retrieval
- Processing of data in spreadsheets is time consuming
- Inaccuracy in complex process calculations
- Data entry can be a time-consuming process
- Lack of governance for data distribution
- Inadequate data analytics

System Architecture



Solution features

01 A comprehensive reporting platform which enable users to create, schedule and share a report

02 User can schedule custom reports at his own intervals

03 Manage Inter Dependent Reports

04 Data Integration & Processing, Self-service, flexibility and user-friendliness

05 Rich Visualizations & Drilldowns. Built-in Support for custom header & footer.

06 Intuitive UI & configurable Reports Layout

07 Quick share by Email . Export to Excel, Export to PDF

08 Embed custom views for Real-time & Historical Data Reporting

09 Set complete life cycle by Approve and Reject rights

10 Reports Personalization & collaboration

Types of Reports

On Demand Reports

The user selects required Reporting periods to view, share and download the required Report.

Scheduled Reports

At the scheduled time, the reports are generated and saved in XML/PDF formats. Optionally, the reports are configured to be delivered by email.

Traditional Workflow based Reports

In this process reports are generated and approved using workflow.

Benefits

Decision-making and increased productivity

Troubleshooting capability and Performance Monitoring

Easy access across various devices/mobiles

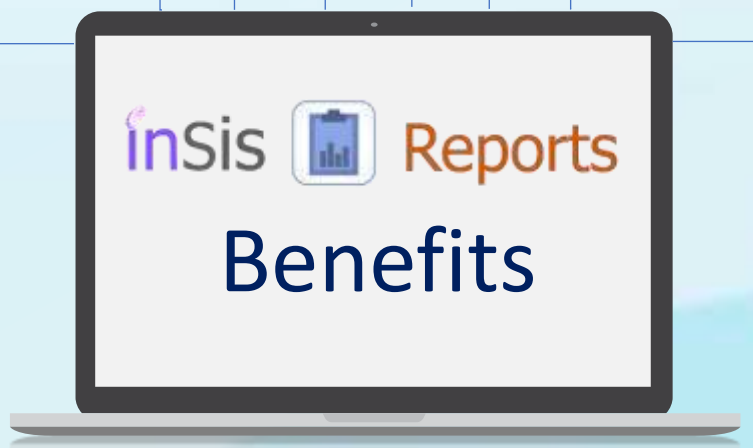
Reduces man-hours for data collection, Time and effect

Access & View Reports from anywhere in Plant

Provide Data Analytics, Trends, Dashboards, etc.

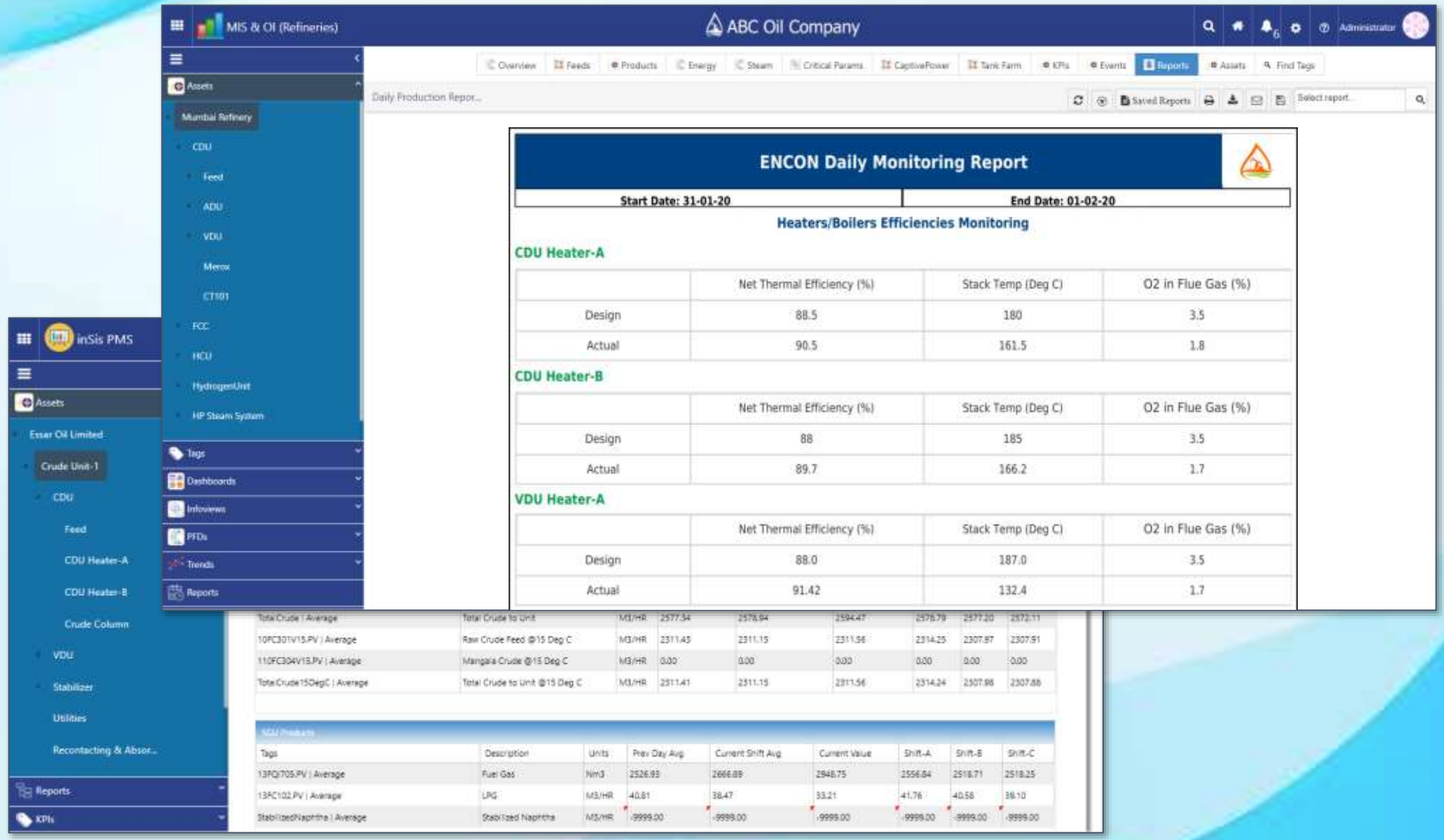
Saves cost of material & paper

Typical payback period is 9 to 12 months



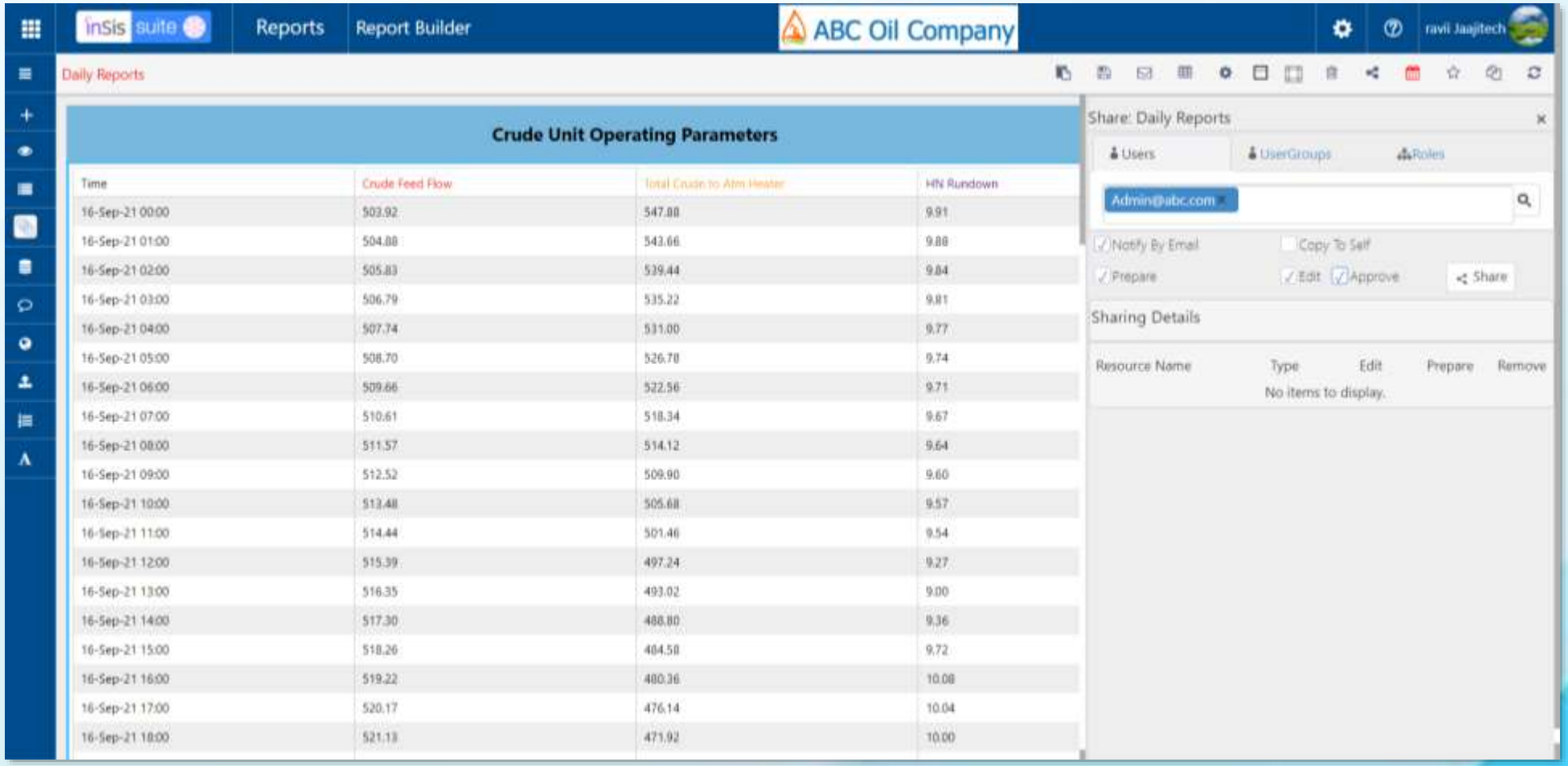
Online Reports

Automation of Excel Reports saves time for end users



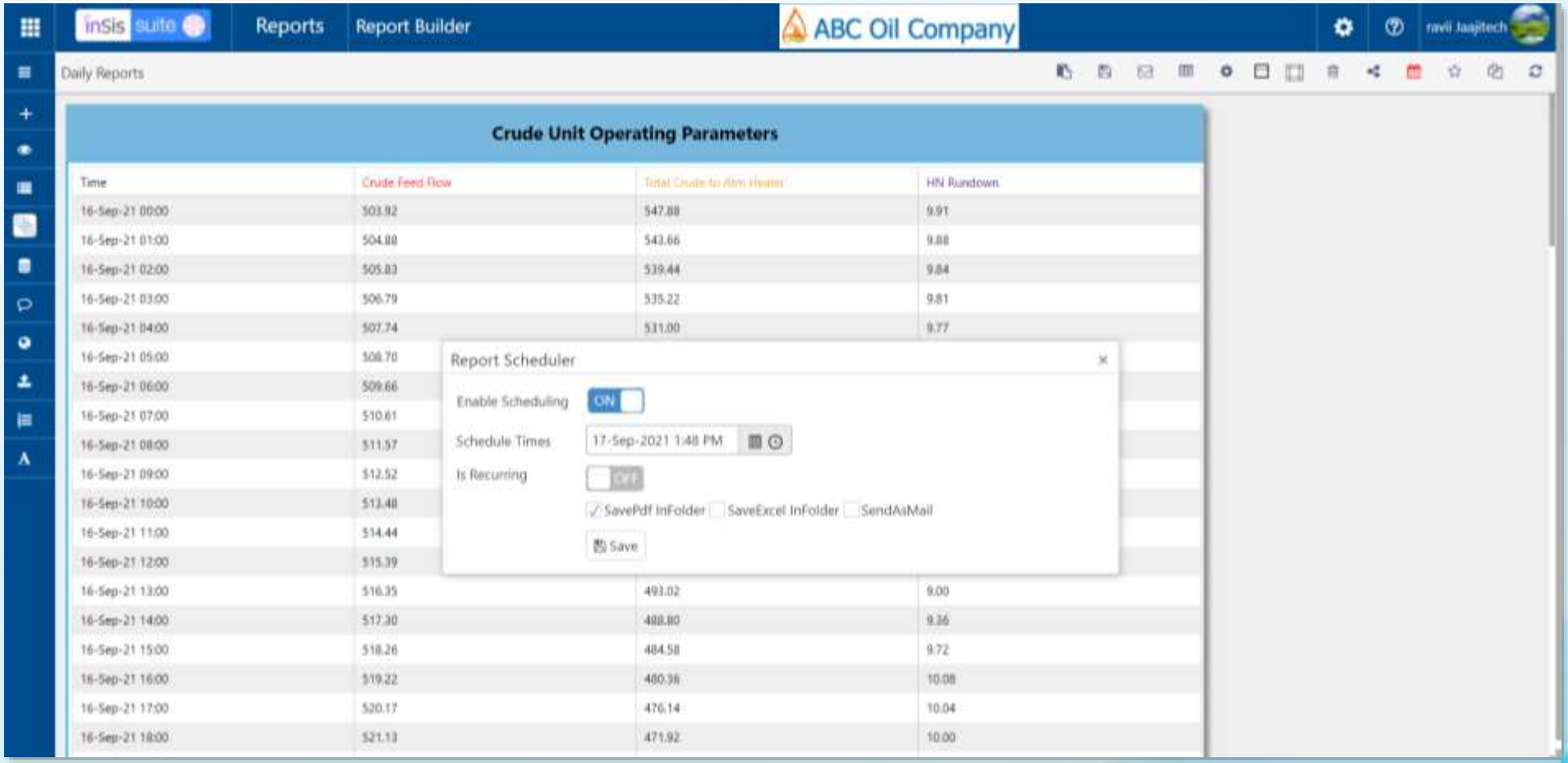
Report Sharing

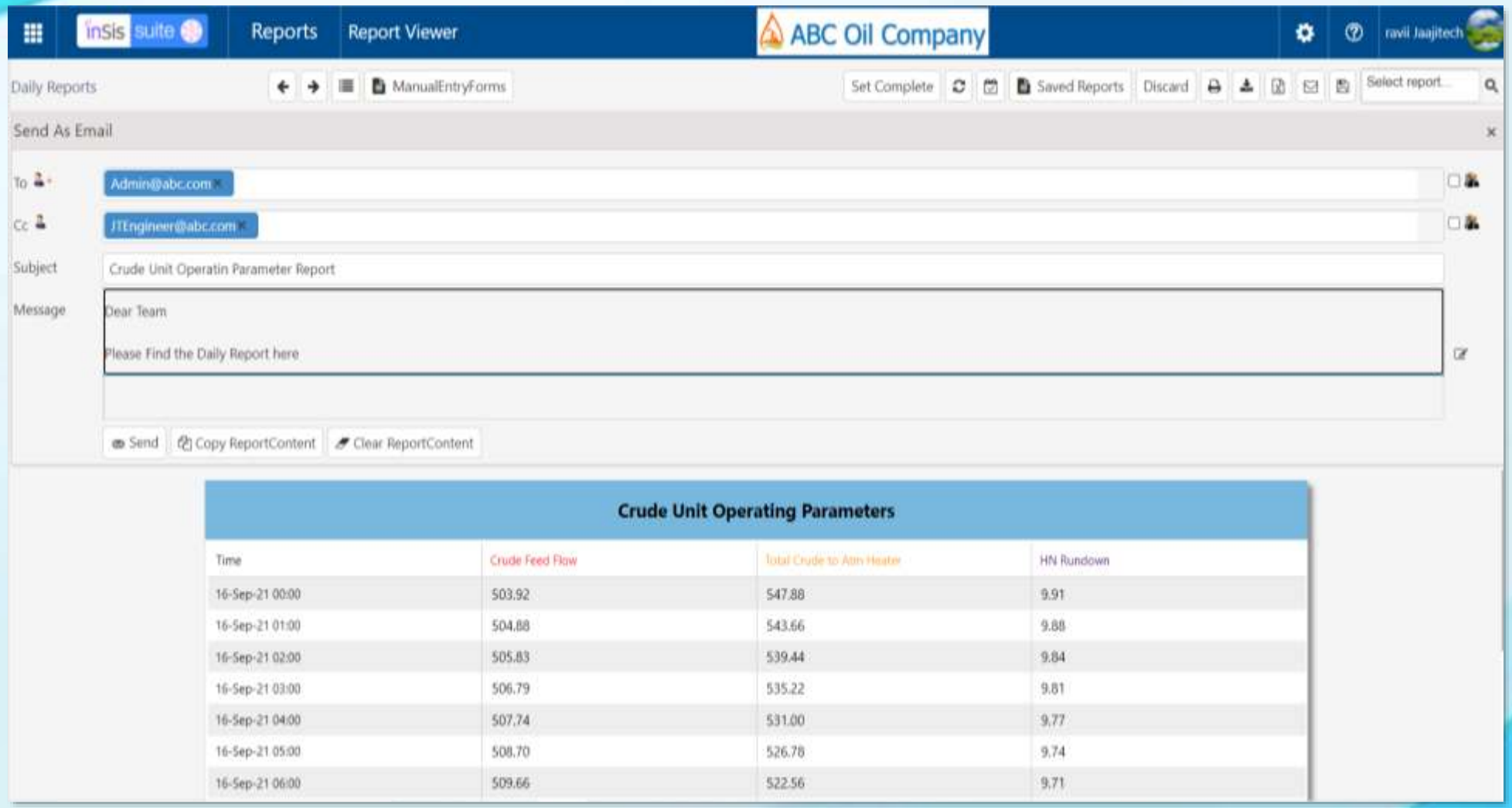
Role-based access ensures data confidentiality



Auto Schedule Report

Reports can be scheduled at user-defined time for every hour/day/week.



Report sharing

Reports can be shared in PDF format to specific Users through Email