Design, Development and Implementation of Web based MIS for Madhya Pradesh Fisheries department

Business Context

Fisheries department in Madhya Pradesh helps in the development of fisheries and utilize resources for fish production. The department is also mandated to support the promotion, financing and development of fisherman and also facilitate in the improvement of the economic and social well being of fisherman in the state.

It has various schemes pertaining to fisheries welfare which need to be continuously monitored since operations are having a wide coverage. Improper monitoring and control of schemes led to decreased productivity of the department. Also, the information flow between employees, departments and external companies was not continuous. The deviation in this led to outright conflicts and delayed information transfer. Postal reporting system created lag in receiving reports and compilation. The manual collation of data by field staff raised unproductive efforts.

This led to a tremendous need to bring all the information and services on a common platform.

Our solution

- C-Net provided a web based MIS solution which ensured monitoring and control of schemes at all levels which enabled transparency and accuracy in information exchange

- Our Web based solution also helped in bringing District Offices, breeding centre, coordinating samitis and field workforce in a mainstream by direct data recording and developing standardized reports.

Benefits

- It acted as Decision Support System which accelerated the planning and implementation in the department
- It facilitated Real Time Monitoring of the schemes ensuring full control
- Seamless integration between state level and district authority
- Streamlining the data management and Real Time Monitoring of the department helped in increasing efficiency
- Facilitated an accelerated Internal Office Management, on-line data collection and enabled interface with the public.
- Acted as a Provision of complete database of all the beneficiaries, schemes sanctioned, and it's monitoring.

Organization Scenario

Before C-Net Solution Deployment	After C-Net Solution Deployment
• Inefficient Decision Support System • No transparency in information exchange • Inappropriate resource utilization due to lack of real time feedback system • Time lag in receiving reports and their compilation due to postal reporting system • No proper monitoring and control of schemes • Data validation and error checks were missing	• Analytical dashboards accelerated Decision Support System • Transformation in the inter and intra department interaction method • Online consolidated monthly reporting system • Ensured Mobility in the system • Easy monitoring of schemes • Increase in productivity of resources • Data Management could be done from grass root level till the uppermost level

Challenges

- Department staff was unaware about IT so adoption was difficult
- System requirement gathering was difficult due to lack of knowledge with the staff
- As the process was paper intensive, data collection from all levels was tedious and time consuming

This web based solution at state level is the answer to the wide spread adoption of e-Governance by the fisheries. It ensured better monitoring and control of schemes for the welfare of fishermen and hence helped in overall enhancement of socio-economic conditions of the fishermen. It also provided the strategic leverage to the state fisheries department.

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