

Case Study

Novatium MCaaS for Schools of Chhattisgarh

Implementation of Novatium MCaaS solution on tablets for Government schools in Chhattisgarh state - CHiPS

Introduction

Chhattisgarh Infotech Promotion Society (CHiPS) is the nodal agency and prime mover for propelling IT growth & implementation of the IT & e-Governance projects in the State of Chhattisgarh. **The Chhattisgarh Online School Monitoring System (COSMOS)** comprises of Android based tablet to record and monitor school data in real time. The tablet is equipped with a finger print reader to take biometric attendance of teachers and other staff at the school.

Unlike a traditional biometric system, COSMOS is an integrated system which encompasses other services requisite for efficient working of teachers and admin staff. It is emerging as a comprehensive solution for the education department to efficiently monitor and control school level information in real time.

The Business Challenges

- Since the project covers 48,758 schools which are geographically dispersed across the state, the government needs a solution where it remotely manages and administers the solution from a centralized web based interface without the need for physically visiting all the schools.
- The government wants to make sure that the tablets given to the schools are not misused.
- The Government needed a delivery mechanism which was easy to understand and use for the delivery of the application content and educational services.

About Novatium

Novatium Solutions Pvt Ltd. is a pioneer in providing enterprise grade management, security, mobility and content delivery solutions across devices and platforms to Government, enterprise and educational institutions across the country. Novatium is India's single largest cloud based end point management and delivery solutions provider with over 2 lakhs managed endpoints.

Insight to Action

- A solution which provides the ability to manage and control applications and data centrally.
- A solution which is easy to manage and use by staff in the school.
- The system should have usage & inventory of devices as MIS reports.

The Solution

- Control over application access control to use only system authorized by COSMOS (Shaalakosh) and applications mandated for User.
- Remote installation of hardware, update patches, drivers as and when needed.
- As the solution is scalable, it can be expanded centrally without any hassle on the server side, the client side and the management sides as more schools are added and as needs expand

The Impact

- 100% managed and device service model to support remote deployments. The solution provides guaranteed system uptime.
- Easy management and control over the schools irrespective of their locations.
- System is intelligent enough to derive report on top Application Usage, Network Consumption pattern, device & resource utilization pattern on ICT adaptation.



End result Delivered

Novatium has been contracted to deploy 51,461 Android tablets as per RFP. Deployment has commenced on mid of Dec, 2017 and as of 21st Dec, 2017, CHiPS has deployed 15,243 tablets to the schools and the process is right now in progress. All the devices have the customized user interface for simple and secure computing. It also ensures the online cloud based asset tracking and usage monitoring at unit level which can be used later for future decision making and to analyze the effectiveness of the scheme.