



# Case Study – Application for Printing Command Language Application (SDS PCL Viewer)

## Our company information

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## Customer profile

Customer name	<b>Bharat Sanchar Nigam Limited – West Bengal Telephones</b> <b>Bharat Sanchar Nigam Limited - Calcutta Telephones,</b> <b>Bharat Sanchar Nigam Limited - Eastern Zone Billing Centre</b> <b>Bharat Sanchar Nigam Limited – Assam Telephones</b> <b>Bharat Sanchar Nigam Limited – Orissa Telephones</b> <b>Bharat Sanchar Nigam Limited – North East II Telephones</b>
Division	Govt. Telecom Sector
Address	Kolkata. West Bengal. Orissa. Assam. North East II

## Synopsis

This Windows based Application is a 'Print Management Software' named 'PCL Viewer' has been developed particularly for the BSNL Mobile (GSM & CDMA) Billing section that enables 'Printing' and 'Viewing' of the PH files as generated by BSNL in Binary PCL (Printer Command Language) format. PCL Viewer also has many high-level PCL analysis and management tools that make the overall printing process much more efficient. The software facilitates 'Bar-Code' facility in code 128C format in existing GSM & CDMA Billing system of BSNL along with the required fields, like account no., invoice no., invoice date & bill amount. The software also facilitates sorting and

printing of 'Pin Code wise' *GSM & CDMA* bill, Sorting of 'CUG (Corporate)' print files of Cell One bill, Suppression of printing the 'Zero Usages Bills', 'Auto ECS Mark Up' in *GSM & CDMA* bill.

PCL Viewer displays monochrome and colour LaserJet print files (PCL PS) with improved PCL rendering accuracy and optional 600 dpi resolution. PCL Viewer's enhanced rendering quality and PCL colour support is also available which enables automated batch conversion to PDF and high-performance rendering for final printing. PCL Viewer's enhanced rendering quality and PCL colour support is also available which enables automated batch conversion to PDF and high-performance rendering for final printing. This software allows efficient management of documents as PCL, repurposing them on demand in other formats.

### **Technology**

Front-end: Visual Basic. Database: Oracle 9i. Report: Data Report