



# Indian Customs Valuation Database (NIDB)


- By  
Directorate General of Valuation





# Scope of the Project

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- Data Base on Imports at all Customs stations in India
  - Up-to-date information concerning valuation and classification
  - Electronic format
  - Instant access and easy search
  - A reliable and effective valuation control tool



# Project Goals

- Checking possible under-valuation of imported goods
- Risk Analysis by targeting sensitive goods and potential valuation fraud
- Providing timely valuation and classification information for tax planning
- Minimizing tendency of unscrupulous importers to shift to less frequented ports
- Providing domestic producers / manufacturers a level-playing field



# Design of the Project - I

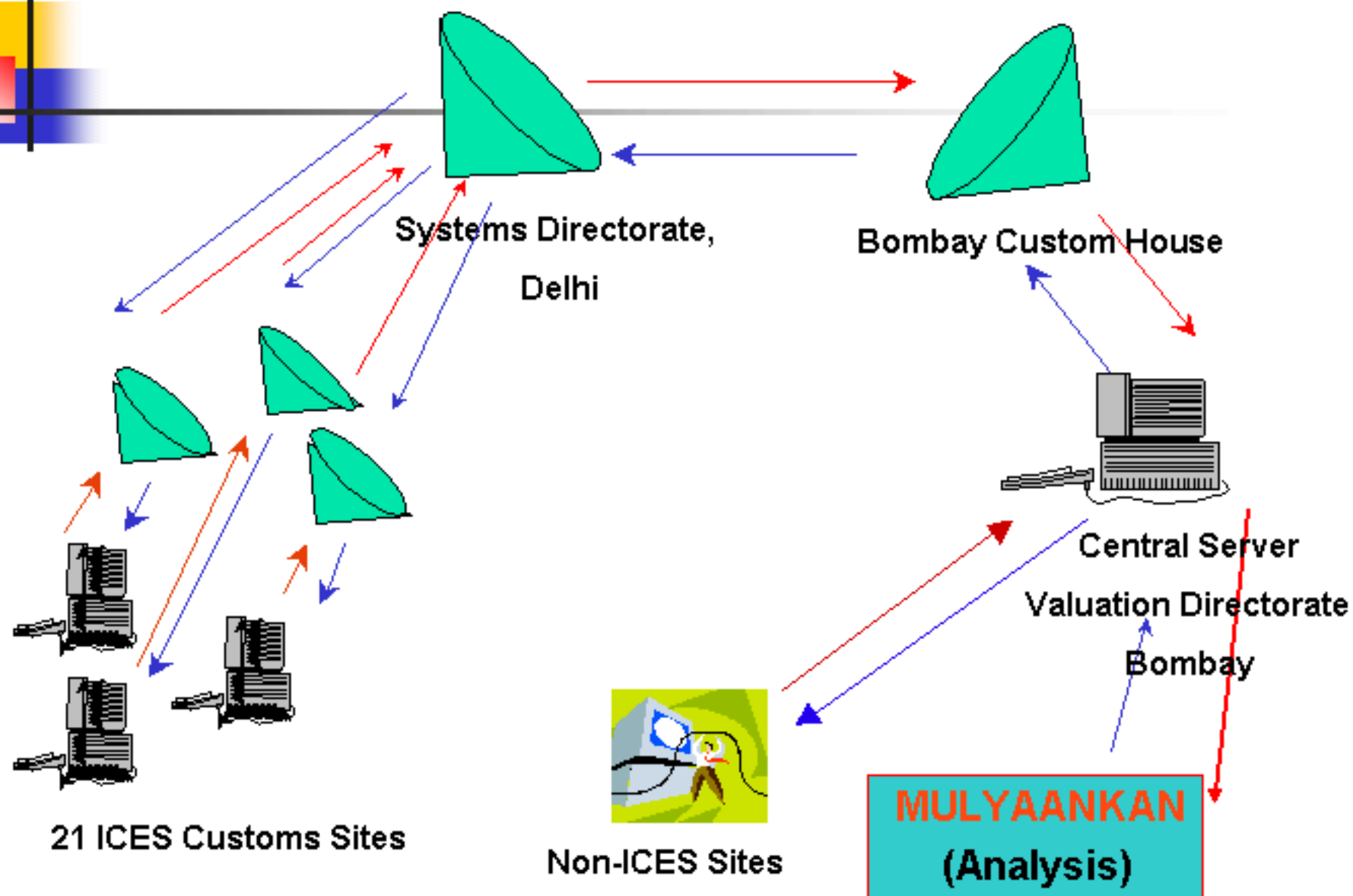
- Daily capture of import data in selected fields at all customs formations in a flat file format
- Daily Transmission of flat file to a central server at Valuation Directorate
- Creation of a data repository by merging import data from all stations at Valuation Directorate
- Weekly analysis of import data using expert software specially developed to provide unit values, weekly weighted averages, percentage deviations from the calculated average and outliers




## Design of the Project - II

- Analysis carried out for sensitive goods, which are periodically reviewed
- Analyzed data transmitted as an excel file to all customs stations
- Entire analyzed data transmitted by ICENET link to 21 stations (DVF Files)
- Data pertaining to sensitive commodities to all other customs stations via email (DVS Files)
- Customs stations to make available data to assessing officers for easy access
- All DVF / DVS files are now available on the DOV website for downloads.

# Data Flow Chart



# Fields Captured during Data Extraction

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- Customs Station, Report date, B/E date
  - B/E Number, Mode of Transport, Description
  - Bill of Lading date, HS Code, Brand
  - Country of Origin, Model/Spec/Grade,
  - Importer, IEC Number, Supplier
  - Number of Units, UQC, Retail Sale Price
  - Declared & Assessed Values,
  - Assessment date, EDI / Manual data entry
  - Total Duty, Anti-Dumping Duty
  - Whether Importer and Exporter are Related?
  - CHA Code, Assessment Group Code
  - Method of Valuation, Status of Assessment



## Format of Analyzed Data - I

- Custom House, B/E Number & date, Country of Origin, Tariff Heading, Description of the goods, Model, Brand, Quantity, Unit quantity code, Unit assessed value, Weeks average, Percentage deviation, Outliers and International price. Bill of Lading Date, Unit Declared Value, Retail Sale Price, Status of assessment and Valuation Method.
- Sensitive information e.g. name of importer, supplier, etc. are not provided in the output format, but could be obtained by data users from Valuation Directorate, whenever required.

## Format of Analyzed Data - II

- Data arranged in order of Tariff Heading(CTH). Within a CTH group, entries are arranged by Custom Station, and then on Country of Origin (COO)
- Data can be sorted out in any order desired by the user
- Sorted data can be filtered for Customs station or other fields and printed





# File Naming Convention

- Output report is in excel format for ease of manipulation of data
- Dvfmddmmda.xls for full data
- Dvsmddmmda.xls for sensitive data
- Period indicated in the file name represents the date of reporting or data extraction
- For example, `dvf10291105a.xls` means data compiled from assessed Bills of entry during the period 29/10 and 5/11



# Abbreviations Used

- **CUSH** means the Custom station house at which the B/E has been assessed.
- **COO** indicates the country of origin
- **Brand** means the manufacturer's brand
- **Model** means model no. and includes grade, specification, etc
- **Unit-value** means assessed price per unit quantity in Rupees.
- **Weeks Avg** indicates a weighted average of the unit value for identical/similar commodities
- **Outliers** means entries whose unit prices are more than 10% lower than the weeks Avg.
- **IP** means the price at which identical or similar goods are sold or offered for sale in international market



## USING WEEKLY ANALYZED DATA

### BASIC EXCEL SEARCH FUNCTIONS

- To search a particular B/E or commodity, use *Edit/ Find* from the Excel Menu
- To sort data on any field, use *Data/ Sort*
- To list all data chronologically in order of date of B/E, Sort data on the field BEDT
- To obtain consolidated data for a specific Custom House/CTH, use *Data/ Filter/ Autofilter*

# USING THE CONSOLIDATED DATABASE- I

## Relational Database in MS Access

- A new format for storing the output data was designed in MS Access
- Entire data transmitted by Valuation Directorate could be stored in a single file
- Weekly files transmissions could be easily added to existing access data bank



# USING THE CONSOLIDATED DATABASE - II

## Relational Database in MS Access

- The data could be searched by description, COO and CTH, outlier, B/E number, model, brand, value bands and quantity levels.
- Data could be made available on desktop of assessing officers through LAN.
- Access by login name and password
- Easy monitoring of usage by assessing officers
- Database available on Valuation Directorate website "[www.dov.gov.in](http://www.dov.gov.in)", since December 2002



# **USE IT AS A TOOL**



- **NIDB is a tool for checking declared values of live consignments**
- **NIDB prices are not substitute values for loading declared prices**
- **Outliers are alerts for checking previously assessed values for their authenticity and taking follow up action on suspected transactions**



# Customs stations have pivotal role-

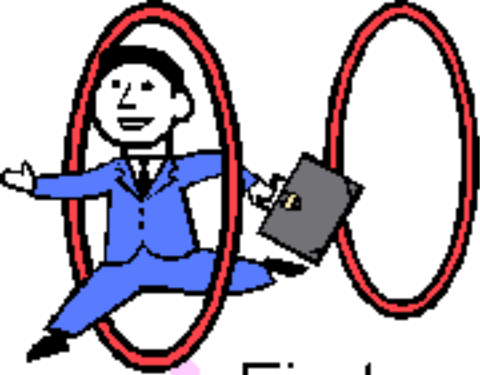
- Ensuring accuracy and quality in data entry on imported goods
- Description, brand, model, specifications to be accurate
- Make arrangements to receive and store analyzed data from Valuation Directorate
- Making the analyzed data available online to assessing officers



# Customs Stations have pivotal role-II

- Ensuring utilization of data in daily assessment work
- Post Audit of consignments flagged as Outliers
- Risk profiling to identify sensitive goods and detect potential under-valuation fraud
- Feedback to Valuation Directorate





## Project implemented in Phases



- First and second phase completed successfully to cover 21 major customs stations ( 70% Imports data)
- Third phase to cover remaining stations (100% Import data likely to be covered soon)
- Integrated data analyzed and transmitted every week
- International price information being provided progressively along with analyzed data
- Analyzed data has been hosted on the website of Valuation Directorate from December 2002



# Participating Agencies

- ① **Valuation Directorate:** Project Development and maintenance
- ① **DGoSDM:** Data Transmission
- ① **NIC:** Software for data extraction
- ① **NCST:** Software for data analysis
- ① **CUSTOMS STATIONS:** Generation of input data and utilization of output data (NIDB)