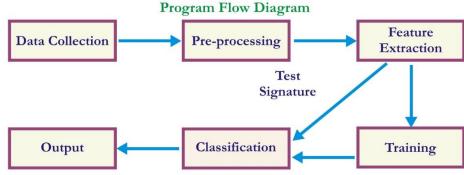
Online Signature Authentication System

Automatic Online Signature Verification/Identification

Automatic Handwritten Signature Verification/Identification system, is one of the most powerful and acceptable means of personal authentication available, with a wide range of applications in industries, public and health sector, R&D labs and many more. This behavioural biometric system provides a robust, user-friendly, language independent solution capable of verifying human identity.





Applications

Authentication of individuals is rapidly becoming an important issue due to increase in identity fraudulence. Online signature verification has a wide range of applications in the field of access control, R&D labs, POS applications, Forgery detection, branch automation, Money withdrawal from ATM, check processing and restricted access in savings bank accounts in banks etc.

Features of Online Signature Verification System

- Language independent solution, capable of processing dynamic features of the handwritten signature
- ➤ Enrolment, training of signatures along with verification are bundled into one place
- ➤ Ease of use, seamless handling with a rich blended graphical user interface
- > Dynamic signatures are saved in image files automatically
- > Print option for signatures is facilitated for record keeping purpose
- ➤ Acceptable recognition/verification accuracy in genuine cases

Software Requirements

Operating System: - Windows XP with Service Pack 3, Windows Vista, Windows 7 or higher Driver: - Wacom Intuos 5 Windows Driver 6.3.7-6 (XP, Vista, Win 7, Win 8)





Online signature data collection interface

Signature verification Interface

Deception Detection ATM Transaction Access Control APPLICATION Check Processing

Reference

Signature

Retail Industry

Hardware Requirements

Intel® Pentium® 4 or AMD Athlon® 32/64 bit processor (2 GHz or faster) 4.65 MB of available hard-disk space for installation; additional free space required during installation Minimum 1 GB of RAM (2 GB Recommended). Works with Wacom Intuos 3/5 tablet with stylus, Wacom STU series signature pad or Tablet PC etc.

Automation

ICT & Services Group:



प्रगत संगणन विकास केन्द्र CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

Plot - E2/1, Block - GP, Sector - V, Salt Lake City, Kolkata - 700091, INDIA
Tel: +91-33-2357 9846/5989 (Ext. 216), 91-33-2357 4258 (Direct), Fax: +91-33-2357 5141, Website: www.cdackolkata.in
For further details contact: Shri Asok Bandyopadhyay, e-Mail: asok.bandyopadhyay@cdac.in or
Dr. Amit Chaudhuri, e-Mail: amit.chaudhuri@cdac.in