

ANTRASOFT INVENTED TECHNOLOGIES:

PICTURE MATCHING TECHNOLOGY.

Description: We invented a technology - "how to match pictures quickly". Traditionally, software developers use "hash technique", they matching byte by byte pixels of different pictures, it is time consuming and does not solving a problem of matching slightly similar pictures. Our technology is quick and universal, it based on normalization of pictures, generation picture profiles and matching profiles.

Implementation: MS Outlook Add-In (written on VB 6.0) Spam Killer is a software which makes a decision is it junk email or not by matching incoming email with emails in junk folders and others folders.

Potentials: You can use it not only for spam filtering but for quick similar pictures searching in databases or over internet. It can be used from Government services till web search engine like Google.

HUMAN PICTURE RECOGNITION.

Description: This technology is based on analyzing a picture profiles and the picture colors composition. With this technology it is possible to filter pictures from web pages and block pages with adult content. The technology takes less time for processing picture rather picture downloading time. So, by the end of the page downloading it is possible to understand the page content and do not release this page to a user.

Implementation: There is a demo program (Visual Studio 2005 VB.Net) which can process all pictures in selected folder, generate a table of pictures and picture's parameters. Also, the program has tools to tune up filtering settings and colors database.

Potentials: For web content filtering applications, for upload picture parsing. Almost all web content filtering solutions avoid picture recognition because, traditionally, it is time consuming process.

ENCRYPTED E-MAIL GENERATION. (Implementation on Visual Studio 2005)

Description: We have not invented encrypted emails but invented lots of innovations for our universal software – stand alone email program which easy to setup and use for security emails exchange. We implemented all encryption/decryption processes; SMIME compressed emails generation and POP3 /SMTP / Authenticated SMTP protocols.

Implementation:

Secure Messenger (Visual Studio 2005 VB.Net) is only one program which can generate security certificates (Windows compatible), smartly exchange them and generate small sized encrypted emails by automatically compress/decompress them, generate voice encrypted emails, real delivery confirmation, forward all unencrypted emails to another address.

Bridge.EXE secure email communication software - encrypt /decrypt / send / receive SMIME encrypted emails from "spool" folder. It supports more than one security certificate for encryption purposes.

Bridge.DLL is a library version of all necessary functions to make in Visual Studio 2005 secure email communication solutions. It covers ENCRYPTION /DECRYPTION / SMIME EMAILS GENERATION / SMIME EMAILS READING / POP3 / SMTP / Authenticated SMTP

Potentials: Secure Messenger is great inexpensive security solution for small businesses. Good for private clubs, businessmen, intelligence, doctors. The Bridge software was designed as a gateway for security communication. Five companies located in Australia and Asia are using the Bridge to communicate with Australian Customs. Also you can use it to communicate between 2 or more medium sized offices as well.