



**IS-5W=HIT = Right Information – Right Person – Right Time**

## VYTEQ NEWS-LETTER

We are starting a regular newsletter, where apart from few updates, we will look into various ways IT can benefit our family.

### Current Events

- a) Finally VYTEQ, has been incorporated as an Private Limited company, “VY Technology Pvt. Lt.” though the brand name VYTEQ will continue
- b) We have truly put together a mission statement, and vision for the company, that is to help clients “RIGHT INFORMATION, to the RIGHT PERSON at the RIGHT TIME. This will help SME, as their CTO/CIO to truly leverage IT, and for Large Corporate, complete project management, where different technologies are required to provide the end solutions.
- c) We have got on board, few professionals as our Board of Directors, people who have worked at large organizations worldwide and have years of experience in project management.
- d) We have successfully, implemented operational process in place, to provide high end CTO services to small and medium enterprises, thus truly allowing them to leverage Information and Technology.
- e) We recently added QATAR Fertilizes as an important client in the middle east, our first international client in that region.
- f) We have successfully implemented a partnering agreement with MIND, a Mothersun Sumitomo company, thus not only allowing our large clients to receive professional services along with our project management, but also to help the SME sector realize the benefits of a CMM 5 Level organization.
- g) We have also successfully entered the digital security arena, both in the areas of surveillance implementations and bio-metric devices.
- h) We have also tied with Dolphin as our partners for high-end RFID technologies.
- i) We have successfully concluded a project using RFID using equipment from HID to track personal in a closed environment.

### Looking Ahead

- a) Some new exciting projects that we are looking at finalizing are:
  - a. For the Hospitality sector, we are looking to integrate Surveillance, RFID and other backend technologies to provide a new experience for members and guests as personalized services.
  - b. Along with MIND and Dolphin, we are working to integrate RFID at a large automotive client, to track various stages in production and inventory control.
  - c. For a defense equipment manufacturer we are again looking at RFID to provide both inventory and product information solutions.
- b) Continue to attract strong individuals with vast experience and integrity both at the level of Board of Directors, and management within the company.
- c) Start a training program for experienced IT professionals on becoming CTOs at the level of the SME sector.

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### **IS-5W-H-Smart Cards A short Description**

**Complied from various sources, including CIO, personal interaction with IT professionals and summarized by Vikram Atwal, Vyteq**

- a) What are Smart Cards?
- a. Smart Cards, are chip based plastic cards, working on the principles of RFID, that have a memory chip and an antenna. They differ from proximity, RFID Tags and or magnetic cards, where by they have the ability to store user data as-well, as having their own unique identification number.
  - b. While Proximity cards, RFID Tags and magnetic cards only posses a unique identification number, hence they cannot store any user data.
  - c. There are few propriety technologies, on which Smart Cards chips are designed, out of which Phillips MiFare is the most prevalent, and secure, that can be used with many different types of readers.
- b) Where Smart Cards can be used?
- Smart can be used for various applications, such as:
- i. Attendance control
  - ii. Access Control
  - iii. Member Identification
  - iv. E-cash and or POS usage
  - v. Loyalty Program
  - vi. Guest
- For specific information on each type of application, please request details.
- c) What is required to run a Smart Card application?
- vii. A secure, and good quality Smart Card
  - viii. A Smart Card reader
  - ix. A PC or Server based Application
  - x. Bridge between Reader and Server
- d) Who can benefit from a smart card?
- A company, its vendors, employees, and clients all can benefit from a smart card system, provided the application is designed well and it interfaces, with the applications of all participants.
- e) Where can such systems be used?
- xi. Offices, factories for attendance, access control, canteen management, tracking etc.
  - xii. Malls, Movie Halls, amusement parks, etc. for loyalty and E-cash applications
  - xiii. Clubs, Gyms, for member benefits, access control, E-cash and POS, and Loyalty programs.
  - xiv. Hotels, again for loyalty program, e-cash, POS, access control, etc.
  - xv. Housing complexes, for access control, resident identification, etc

We thank you for your support, and look forward to our continued relationship. Do write back with any comments, and healthy critique, so that we can continue to improve.