

## China Ministry of Human Resources & Social Security Case

**W**hen you are charged with managing the social security and national labor standards and policies for a country of some 1.4 billion people in 23 provinces, 5 autonomous regions, 4 direct-controlled municipalities, and the special administrative regions of Hong Kong and Macau, it is a monumental task.



DC-7600

The Ministry of Human Resources and Social Security of the People’s Republic of China located in Beijing is the agency that faces those tasks and challenges each day in determining and administering to the welfare of its citizens.

As part of this management, technology plays a huge part in making sure that transactions are fast, secure, and efficient.

DASCOM card printers are a small part of the management

of data across 9 of these provinces today with more than 520 DC-7600 retransfer printers and 1100 DC-3300 single-sided direct-to-card printers in use with a mix of contactless and contact encoders. These systems are today are issuing 1.5 million cards using the DC-7600 (approximately 3,000 cards per unit) and 2.25 million cards using the DC-3300 (approximately 2,000 cards per unit).



DC-3300

As the systems continue to roll out DASCOM sees the potential within the whole country of China being more than 20,000 units.

### Main Highlights – Reasons Why DASCOM Card Printers were chosen

- **Contact and Contact-less Seamless Integration**
- **Overall Performance-Grade of Printer Engine**
- **Heater Roller Composition – making it more flexible and durable**
- **Professional Rugged Design that combines Durability and Aesthetics**
- **Exceptional Technical Commitment to Support**
- **Scope of overall Project is more than 20,000 printers – DASCOM experience of more than 30 years in business technology markets**

The process behind the application is one where pre-printed cards start the transaction. Each pre-printed card has a different background displaying unique features from the respective province. The

card is currently a “second generation” card that has a contact chip on the card. The agency is moving to a “third generation” card that will have both contact and contactless features. You will note a sample of the actual current card with holographic features at right. The area within the blurred red boxes has been done intentionally altered for security purposes.



The necessity for the card is begun when someone purchases the national medical/endowment insurance (the person will have the social security card). These cards are distributed by banks in China so the banks that make the cards faster and easier will be chosen by more people. This of course results in banks wanting the ability to process the card more quickly to gain and retain a customer.

Generally, the way it works within the China social security system is that the initial card is issued before age 16. Then at various intervals of time up until the age of 60, the card is again changed or re-issued. Individuals normally are issued 4 cards during their lifetime.

The card has many uses including ranging from a secondary identification card for citizens all the way up to tracking employment and being used to pay within a drugstore for health insurance items. Indeed, the primary uses for the card include medical care, pension, industrial injury, unemployment, and maternity insurance. In addition, the card serves as a gateway to two accounts – the first being social insurance or money that is within an account and cannot be withdrawn, and the second as a bank account card, which allows users to carry out normal financial transactions.

With so much personal data and financial benefits tied to the card, security is of the utmost importance. For that reason, it is extremely important to have a system, and a card that provides many layers of protection.

There were many card printer manufacturers who solicited the business from the Ministry of Human Resources and Social Security, but in the end, DASCAM printers were selected because they not only met the functional performance criteria of efficiency and enhanced security, but were deemed to be the most durable.



The DC-7600 retransfer printer is noted for having a rugged design, but also mechanics that hold up well in comparison to other printers. Of note, the heater roller within the DC-7600 has performed extremely well in comparison to other printers in complex applications. This means less replacement and better quality of printing.

Also, the DC-3300 has an impressive and rugged design for a printer in its class. It is really more of a “performance-grade” card printer that is positioned and priced such that it holds advantages over models of printers that are not nearly as aesthetically-appealing or as well-constructed for longer term use.

DASCAM card printers continue to help the Ministry of Human Resources and Social Security of the People’s Republic of China respond to intense and growing need for safe and effective instant issuance printing in high security environments. DASCAM is pleased to be a part of such an important endeavor.

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