

## DASCOM Card Printers Aid China Disabled Persons' Federation in Serving 85 Million Disabled Citizens



China Disabled Persons' Federation  
中国残疾人联合会

According to information found on The China Disabled Person's Federation (CDPF) website

(<http://www.cdpf.org.cn/english/index.shtml>), the organization carries out "political, theoretical and practical research in the development of disabled persons affairs and the drafting and formulation of key plans, policies, conference documents, and reports." It also organizes annual project research and state supervision of disabled persons and keeps in touch with research institutes related to disabled persons affairs.

This is a vibrant organization with key initiatives aimed at recovery, education, social

security, employment, poverty alleviation, culture, and sports for those with disabilities.

The organization has a bold mission and affects millions of lives in China. Estimates are that the country has more than 30 million disabled residents.

Traditionally the organization has relied on a somewhat manual methodology for the issuance of a disability certificate. In fact, this certificate took the form of a "little green book." But as the population of disabled citizens has grown, so has the need for technology. In the last several years the organization has begun to upgrade systems and further employ card printing technology.

The challenge for CDPF is to be able to fulfill the growing demand for certificates while maintaining security and uniformity in background for the contact-less card across the entire country.

The Federation is now using more than 400 DASCOM DC-7600 single-sided card printers equipped with contactless encoders



The “third generation” disabled person’s ID is essentially a smart card with an integrated circuit chip inside. It portrays the name, ID number, photo of the individual, and a scannable QR code. These new cards integrate identity recognition, business management, and social services while mitigating problems of counterfeit reproduction and wear. They also make collection of information easier. The smart cards can be sent through a card reader to let staff quickly obtain identity and registration information, but also determine what rehabilitative services the individual enjoys. All this can be accomplished in a real time environment, making the technology an effective approach for busy federation employees as well as disabled citizens.



The plan for migration to card printing technology will be based on a combination of both input from the consumer side of the equation along with feedback and monitoring from the agency’s management. Currently around 1 million cards are being printed with a phased approach. At full capacity and full adoption, the demand would be to print between 50 and 60 million cards per year.

20 districts have already renewed and issued the new cards with 16 districts planning to renew in 2020. 14 are preparing to renew. Third generation issuance cards will contain name, ID number, photo and QR code for easy scanning. In addition, braille is present on cards and this is what provides an advantage for DASCOM card printers over many of the other brands of card printers that have been used.



One of the challenges in switching to card printing technology has been that the cards contain braille and for many of the other brands of card printers that have been tried, the braille has posed a serious issue. The braille, non-descript, and shown in the corner of this card, at left (in the red box for effect) has resulted in small holes in the heater roller. This has subsequently led to failure of the heater roller.

One key advantage that DASCOM has provided is that the heater roller of the DC-7600 is not easily damaged by braille on the cards. This means the transition to card printing is not only efficient but the DC-7600 does not pose a technological challenge of replacing or repairing the printer as with some of the other models. In fact, even if the heater roller needs to be changed on the DC-7600, it is quite easy for the operator. DASCOM card printers offer superior performance not only during the printing of the cards, but also, they provide operation and intervention advantages.

As this organization seeks to meet the needs of its growing disabled population more effectively and efficiently for better quality of life and care, DASCOM card printers will continue to play an increasing part in technological advances to help achieve these admirable goals. Thank you from DASCOM for allowing us to be a small part of your noble mission to serve your citizens.

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