



## **CASE STUDY: South Dakota's License Plate Solution**

# **License plate manufacturing technology puts residents in the driver's seat**

## **BACKGROUND**

---

In early 2015, the South Dakota Motor Vehicle Department (MVD) was approaching a reissue year that projected an increase of ten times its typical production volume. With out-of-date manufacturing equipment, manual processes, and already high office traffic, the MVD sought a solution to modernize the production, distribution, and reporting services of its license plate program. This would help offset the added demand of a reissue year, as well as provide enhanced services to motorists.

## **CHALLENGES**

---

- Modernize manufacturing steps and provide process automation and data validations
- Achieve real-time visibility for inventory, manufacturing and shipping processes
- Provide better vocational training for operators using current digital printing technology
- Eliminate unreliable inventory counts due to manual tracking processes of raw, work-in-process, and finished plate inventory
- Consolidate separate mailings and reducing postage cost to the state
- Meet faster design and delivery demand for specialty plates
- Update obsolete printing and plate manufacturing equipment that is over 20 years old
- Address privacy concerns around personal information on central fulfillment of plates

## ITI SOLUTION

---

The Enterprise License Plate Solution modernized and streamlined the inventory, receiving, manufacturing, and shipping processes used by the state, as well as providing automated end-to-end management of materials and inventory.

- Automated order entry systems
- Barcode data collection to streamline inventory processing, receipts, and stock movements
- Real-time lifecycle reporting at each point of manufacturing
- Automated householding and mail presort of direct mail plates and registrations
- Streamlined distribution of bulk orders to county offices
- ALPR optical compliant license plate design

## RESULTS

---

The Enterprise License Plate Solution minimized the average transaction processing time and freed up resources from tedious manual work to focus on more valuable planning and auditing tasks. This increase in productivity allowed the Department of Corrections to implement new machinery and produce more than a half of the 2016 volume demands in the last quarter of 2015 alone.

Ultimately, the solution not only addresses the huge volume demands, but also provides modern vocational skills to inmates, transparent visibility to the entire production and delivery process, and just-in-time manufacturing that meets residents where and when they want to be met.

*Intellectual Technology, Inc. (ITI) leverages more than 20 years of DMV specific experience to bridge the gap between increased transactions and decreased resources through its solutions.*



(260) 459-8800 • [www.iti4dmv.com](http://www.iti4dmv.com)