

## ▶ Guideline for Using EMV\*-certified Smart Credit Cards under DSRC Environments

DSRC環境下でEMV仕様\*ICクレジットカードを適用するためのガイドライン

\* The acronym EMV stands for three major credit card companies (i.e., Europay, MasterCard and Visa), and is an unilateral specification for Settlement of accounts by the Smart credit cards that was agreed upon in June 1995.

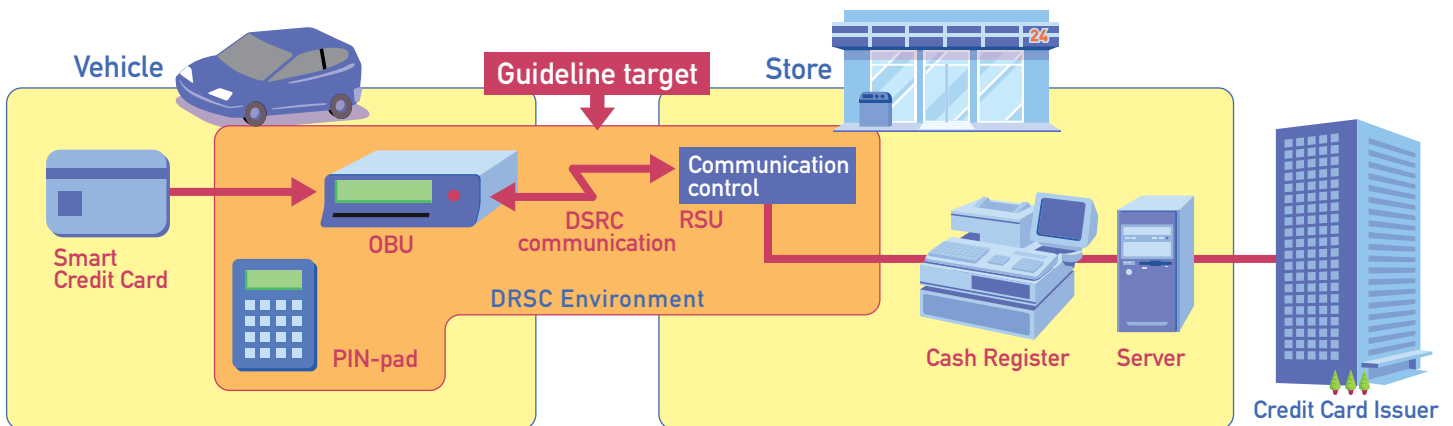
\* EMVとは、Europay、MasterCard、Visaのクレジット三者の頭文字から取ったもので、1995年6月に、ICカードを使ったクレジットカードの統一仕様を共同でまとめたものです。

## ▶ Contributing to dissemination and expansion opportunities of the use of DSRC

DSRCの普及と利用機会の拡大に貢献

### 1. Guideline Coverage

Coverage Area: In between terminals (OBUs-RSUs) that allow the use Smart Credit Cards under the DSRC environment.



Smart Credit Cards, Cash Register and retail store system (network) are outside of the coverage area

Applications Envisioned for the settlement of accounts by the credit:

- ▶ Parking lot entry/exit, parking lot management/payment for parking space
- ▶ Payment for charges at gasoline stations
- ▶ Payment for product purchases made at stores with drive-thru shopping

### 2. Main Contents of Guideline

Descriptions are provided for terminal construction and function expansion that enable the use of Smart Credit Cards under DSRC environments.

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|--|------------------------|
| ▶ Functional structure of DSRC transmission route for the settlement of accounts by the credit | ▶ Data format          |
| ▶ Requirements of credit business  | ▶ Transmission flow    |
| ▶ Application flow   | ▶ Transaction sequence |
|  | ▶ Operational security |