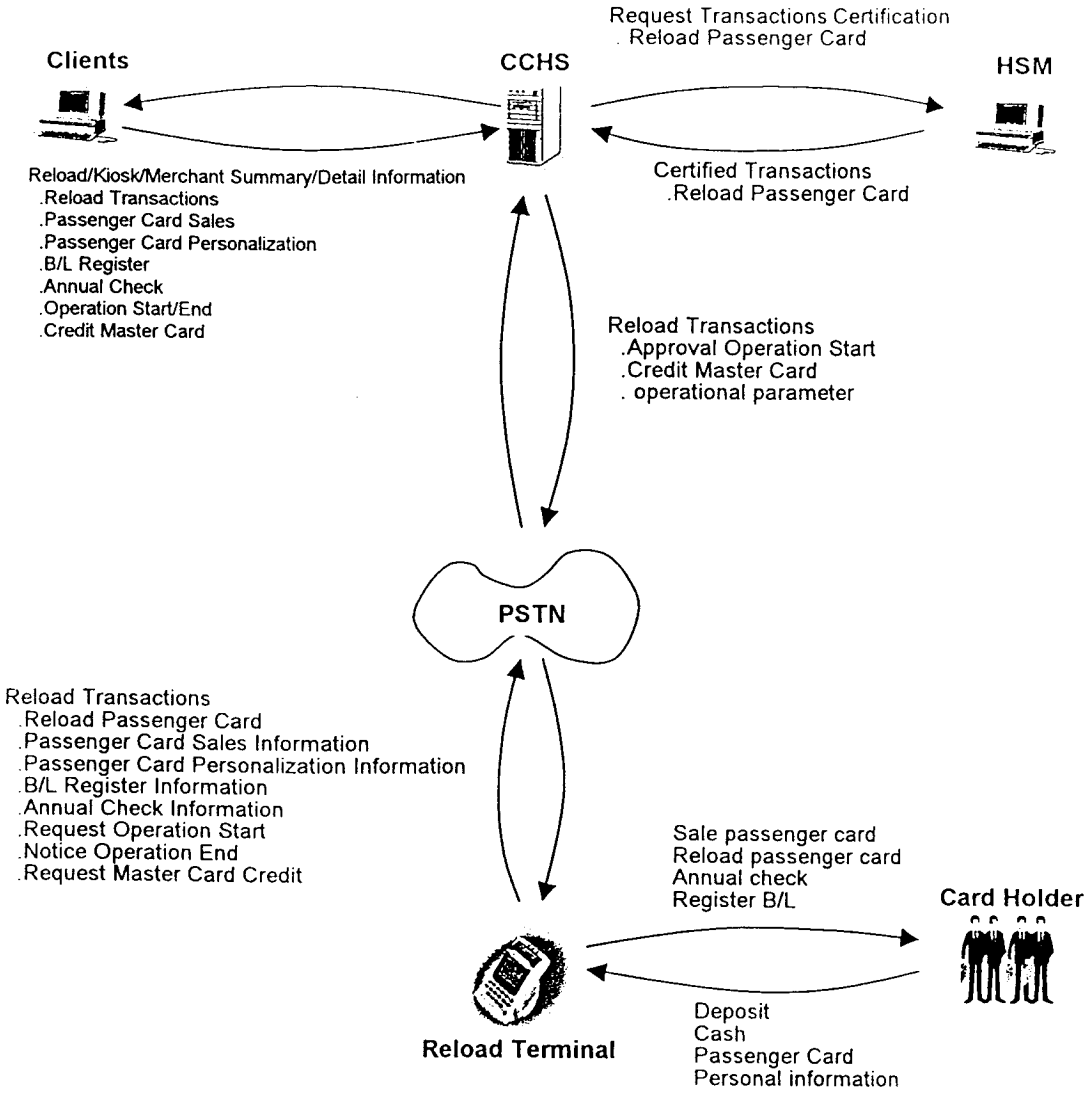
I. Reload terminal requirements

1. System configuration



2. Operational Description

2-1. Bus Card' s Sales

- Receive Deposit from passenger.
- Monthly pass card can be purchased by submitting Bus Card application form and id card.
- Write Sales and personal information on Bus Card.
  Sales date, Expire date, Holder type, Personal id, Deposit amount, etc.
  Once card writes sales and personal information it can not be purchased any more.
  Only Common card, Monthly pass card can be purchased.
  Free card can not be purchaed.
- Issuing Sales receipt.
  Sales and Sales point information, Sales Date, Card Number, Deposit Amount, Receipt Number, National id, Holder type.
- Sales Information should be transferred to HOST.

2-2. Bus Card Reloading

- Card should be reloaded by Cash.
- OFF-LINE Reloading, ON-LINE Transferring for reloading information.
- No Black list check.
- No Reloading for Free card.
- All purse should be checked by display.
  Reloading display and passenger display will be used.
- card holder selects purses to be reloaded.(common purse, monthly)
- Reloading amount(Point) and the balance after reloading will be displayed on reloading display and passenger display.
- Monthly pass purse reloads the number of transit and this number will be exchanged with cash.
- Monthly pass purse can reload the amount of three month within validation period with selecting one reloading class out of four classes.
- Monthly pass purse' reloading point can be selected on four reloading amount classes.
  Each class' s point is fixed and downloaded from HOST.
- Common purse' s reloading request amounts are 10,20,30,ETC.
  In the case of ETC, reloading amount is over10RMB and by the unit of 10RMB.
- Common purse' s maximum balance can not exceed 500RMB.
- After the completion of reloading, reloading receipt is printed out automatically.
- Master card will be used for the purpose of reloading control.
- Reloading information will be transferred to HOST.

2-3. Registration of lost card

- Registration condition can be valid for only personal id registered Card(Common, Monthly pass).
  Free card is invalid for processing.
- Input lost date and card number.
  Card Holder should submit reloading or sales receipt.
- Information for lost card should be transferred to HOST.

2-4. Daily operation Start/End

2-5. Personal id Registration and Alteration

- Only case of student' s Monthly pass card is available for alteration, Adult Monthly pass card is not available.
  Alteration is capable at Annual check.
- Card holder should submit receipt.
- Personal id registration information will be transferred to HOST.

2-6. Annual check

- Free card can not be checked.
- Card holder should submit personal id card and receipt.
- Starting date of student card is 1st of August and that of adult card is 31th of December.
  Card' s starting date for each card holder type is downloaded from HOST.
- When sales Monthly pass card, starting date within current year for each card holder type will be used as valid period.
- Annual check is capable from before three months at the point of starting date.
- Common card has no validity date so do not Annual check.
- Only Monthly pass card can be capable of reloading terminal.
  Free pass card is capable of alteration in Help desk terminal in CCHS.
- Extension of validity date is selectable(6 months, 1year) and can input arbitrary valid period.
- Information of validity period extension is transferred to HOST.

2-7. Card holder type Alteration

- Free card can not be altered.
- Card holder should submit personal id card and receipt.
- Alteration is available from student to adult.
- Alteration is only valid for Annual check.
  And is valid for out of validity date and in the case of no pre-paid Monthly pass purse.
- holder type alteration information should be transferred to HOST.

2-8. Master card reloading

- Master card is reloaded by maximum reloading amount.
  Reloading amount = Maximum reloading amount - card balance
- The balance of defect card do not transfer.
  After issuing new card and then user reloads amount.