This document provides a summary of the new features and updates to the Datacard® CR500™ instant issuance system firmware.

### Version Information

<table>
<thead>
<tr>
<th>Firmware Version</th>
<th>U1.33.2-7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Release Date</td>
<td>May 2018</td>
</tr>
<tr>
<td>Changed from Prior Released Version</td>
<td>U1.33.1-9</td>
</tr>
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### Firmware Enhancements

The U1.33.2 release of the CR500 firmware includes the following changes from U1.33.1:

- Updated to the latest security patches through February 2018.
- Incorporated the following fixes previously released in U1.33.1 patches:
  - Added the smart card SmartcardForceShareMode setting to Printer Manager:
    - Access Level: **WebAdmin**
    - Print Manager Location: **Printer Setting > Behavior**
    - Setting name: **SmartcardForceShareMode**
    - Default value: **Direct**
    - Possible values: **Direct, Exclusive, Shared**
  - Fixed an issue where the smart card AutoPPS setting was not used. The AutoPPS setting now is used correctly.
  - Fixed an issue where a temporary MAC address was used briefly during printer startup. Only the assigned MAC address now is reported by the printer.
- Shortened the time before the touch screen display becomes active during CR500 printer restart. The change reduced the time from several minutes to under one minute. This addresses a usability concern where it appeared that the printer was not starting while it was powering on.
- Modified when printer settings are saved. Changes to printer settings now are saved as they are made. This preserves current settings in the event of an unexpected power loss.
- Updated the list of allowed ciphers used by TLS on ports 443 and 9111. TLS ciphers considered obsolete by modern browsers are no longer supported.
- Fixed an issue where port 9111 was allowing SSLv3 in addition to the TLS versions allowed by the MinTLSVersion setting.