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# SDK API

The followings are a set of APIs that initialize device management information and that are used for dynamic memory control and PIN code generation.

- [BS2\\_Version](#): Returns the SDK version.
- [BS2\\_AllocateContext](#): Allocates the device management Context.
- [BS2\\_ReleaseContext](#): Releases the device management Context.
- [BS2\\_Initialize](#): Initializes the device management Context.
- [BS2\\_ReleaseObject](#): Releases dynamic memory.
- [BS2\\_MakePinCode](#): Encrypts the PIN.
- [BS2\\_SetMaxThreadCount](#): Specifies the maximum thread count.
- [BS2\\_ComputeCRC16CCITT](#): Calculates the CRC-16 CCITT checksum.
- [BS2\\_GetCardModel](#): Retrieves the supported card models.
- [BS2\\_GetCredentialKeyInfo](#): Gets the encryption key for the device.
- [BS2\\_SetCredentialKeyInfo](#): Sets the encryption key for the device.
- [BS2\\_RemoveCredentialKeyInfo](#): Removes the encryption key for the device.

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