Telephone/Endpoint Licenses

The use of H323 and SIP phones with IP Office Release 6 is controlled by the following licenses. Different licenses are used for Avaya IP phones, non-Avaya phones (including non-Avaya softphones) and Avaya softphones.

For details of the Phone Manager Pro PC SoftPhone refer to the Other Licenses section.

- **Avaya IP Endpoints License**
  On IP500 and IP500 V2 systems, these licenses are used to license additional Avaya IP phones. This includes all 1600, 4600, 5600, 9600, IP DECT, DECT R4, T3 IP, Spectralink and VPN phones supported by IP Office Release 6.
  - *IPO LIC R6 AV IP ENDPOINT 1 - 229444.*
  - *IPO LIC R6 AV IP ENDPOINT 5 - 229445.*
  - *IPO LIC R6 AV IP ENDPOINT 20 - 229447.*
  - *IPO LIC R6 AV IP ENDPOINT 5 TRIAL - 229449.*

  - The system will automatically license 12 Avaya IP phones for each IP500 VCM 32 or VCM 64 card installed in the system without requiring additional licenses to be added to the configuration.

  - Additional Avaya IP phones are licensed either by the addition of **Avaya IP Endpoints** licenses above or the conversion of legacy **IP500 VCM Channels** licenses to **Channel Migration** licenses (see below).

  - By default licenses are consumed by each Avaya IP phone that registers with the IP Office in the order that they register. The license is released if the phone unregisters. However, it is possible to reserve a license for particular phones in order to ensure that those phones always obtain a license first if available. This is done through the **Reserve Avaya IP Endpoint Licence** setting of each IP extension.

  - Avaya IP phones without a license will still be able to register but will be limited to making emergency calls only (Dial Emergency short code calls). The associated user will be treated as if logged off and the phone will display *"No license available"* and *"Emergency Calls Only".* If a license becomes available, it will be assigned to any unlicensed DECT handsets first and then to any other unlicensed Avaya IP phone in the order that the phones registered.

  - For existing IP500 systems being upgraded to IP Office Release 6, the existing VCM channels and IP500 VCM Channels license are treated as follows:
    - For each IP400 VCM card installed in the system, each VCM channel supported by the card allows support for 3 Avaya IP phones.
    - For each IP500 VCM32 and IP500 VCM64 card installed in the system, the 4 unlicensed VCM channels previously provided by each card are converted to allow unlicensed support of 12 Avaya IP phones.
    - For each legacy **IP500 VCM Channels** license, the license are converted **Channel Migration** licenses supporting 3 Avaya IP phones. See the Channel Migration license below.
    - The IP500 VCM 32 and IP500 VCM 64 cards will provide their full capacity of VCM channels, ie. providing up to 32 or 64 channels depending on the card type and the codecs being used.

- **3rd Party IP Endpoints License**
  These licenses are used for support of non-Avaya IP phones including SIP extensions. The available license are used in order of phone registration. If no licenses are available the phone will not be able to register. Available licenses can reserved for a particular phone using the Reserve 3rd Party IP Endpoint License setting in the each IP extension. This license was previously called the **IP End-points** license.
  - *IP400 IP ENDPOINTS RFA 1 LIC - 174956.*
  - *IP400 IP ENDPOINTS RFA 5 LIC - 174957.*
  - *IP400 IP ENDPOINTS RFA 20 LIC - 174959.*

Legacy Endpoint Licenses

- **Channel Migration**
  These licenses were previously called **IP500 VCM Channels**. In pre-IP Office Release 6 systems, these license were used to enable additional VCM channels on IP500 VCM32 and IP500 VCM 64 cards. For IP Office Release 6 these license are no longer required. Any present in the configuration of systems upgraded to IP Office Release 6 are renamed Channel Migration. Each Channel Migration license instance enables support for 3 Avaya IP phones.
  - *IPO LIC IP500 VCM LIC 4 CH LIC - 202961.*
  - *IPO LIC IP500 VCM LIC 8 CH LIC - 202962.*
  - *IPO LIC IP500 VCM LIC 16 CH LIC - 202963.*
  - *IPO LIC IP500 VCM LIC 28 CH LIC - 202964.*
  - *IPO LIC IP500 VCM LIC 60 CH LIC - 202965.*

http://marketingtools.avaya.com/knowledgebase/businesspartner/ipoffice/mergedProjects/manager/telephoneendpoint_licenses.htm
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