PRODYS

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Introducing ProdysControlPlus Manager

ProdysControlPlus is a Windows OS application for centralizing the management of any Prodys audio and video codec. The codecs liable to be controlled with ProdysControlPlus are Quantum and Ikusnet types.

Key Features:

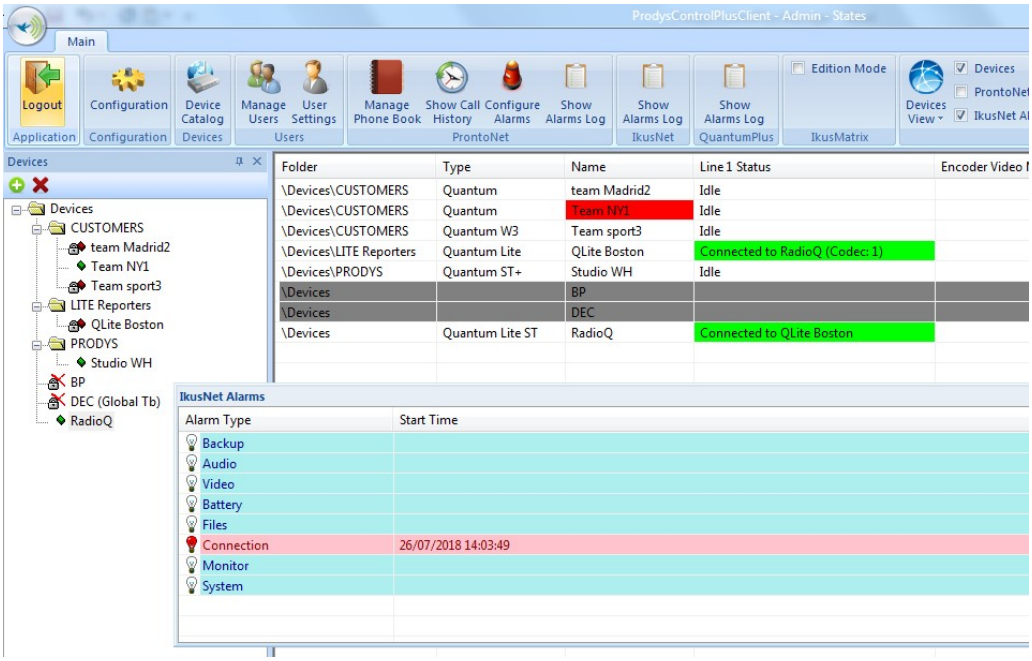
- Full access to remote codec on the network, even those behind NAT routers and 3G/4G networks. Support of dynamic addresses for remote codecs is provided.
- Remote Streaming on/off control, mic gain level, mixer control, streaming profile selection.
- Camera preview for video enabled products. (please check Ikusmatrix section)
- Real-time information from every remote codec as on- /off- line status, alarm indication, remote party IDs, streaming status, audio encoder Vu-meters, firmware version, etc.
- A global alarm monitor collects and highlights alarm indications of any on-line codec. Filtering by codec name, SIP URI, type of codecs and alarm information is possible.
- Shared and central Call Directory (BOOK) is provided and available for any codec within this administration.

- Customizable user interface offering only the relevant information for any purpose.
- Versions up to 250 codecs are licensed.
- Client /server application.

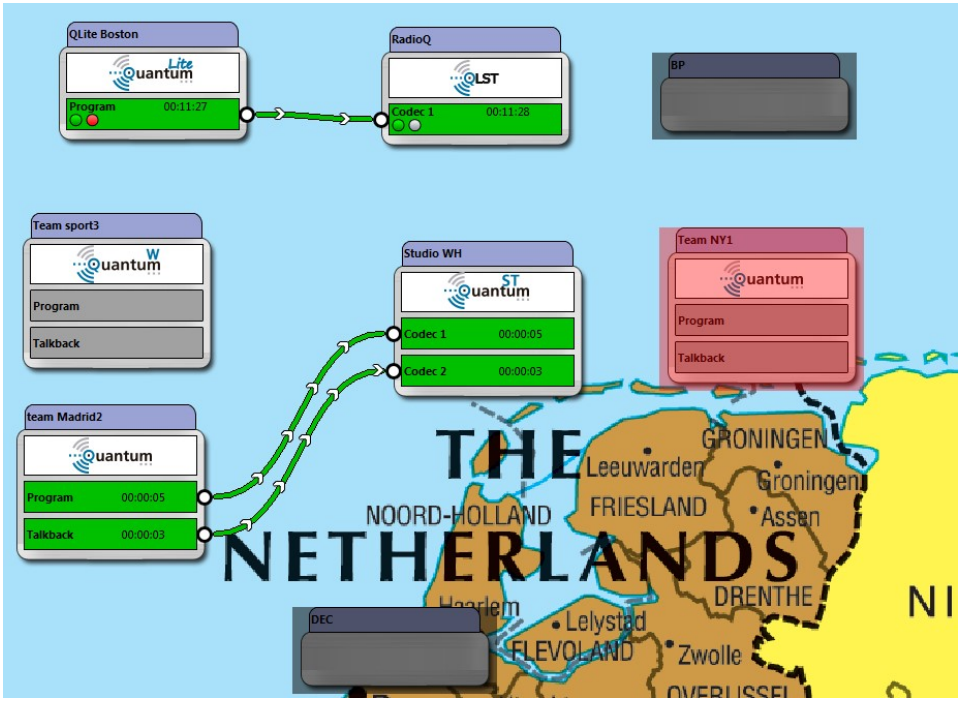
Network Views:

General listed view of the codecs under control and Global alarm monitor on the bottom part of the screen.

Streaming and other status are highlighted by colors: [red] alarmed, [grey] off-line, [green] streaming, [white] idle or available.

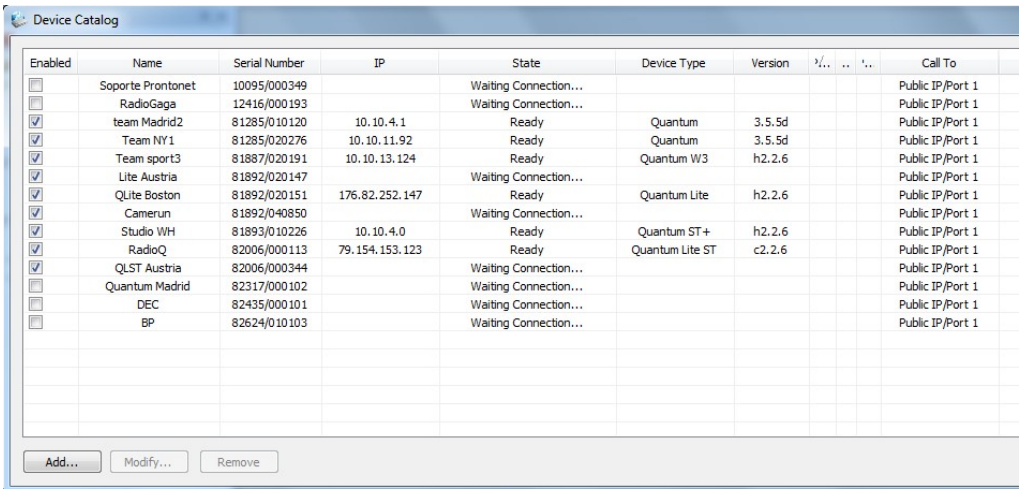


General icon view. Each codec is presented by its own icon. The colors of the icon indicates the current status as described: idle, streaming, alarmed, off-line, etc.



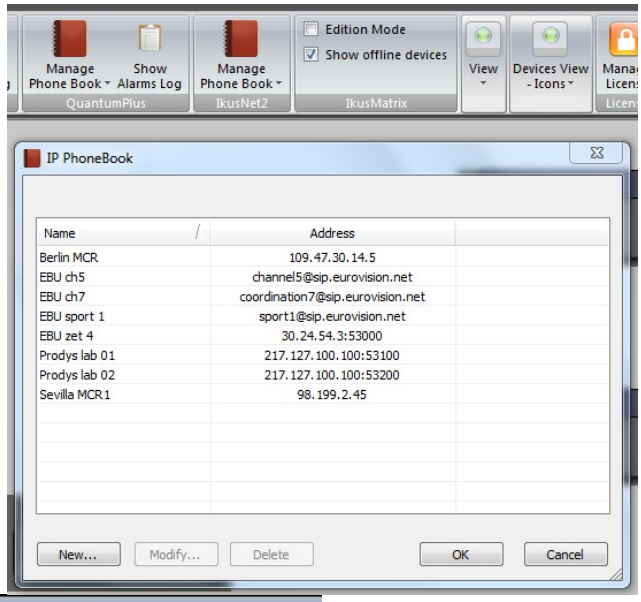
The icons can be grouped in folders (functional, regional or any other administrative grouping).

Administrative information is provided for any element:

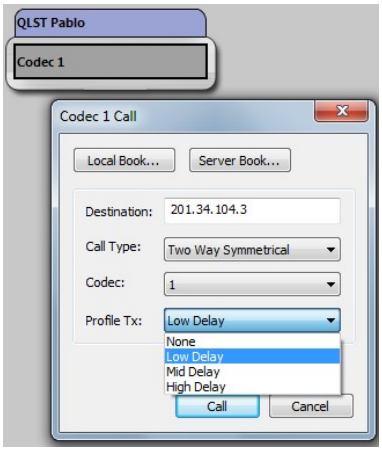


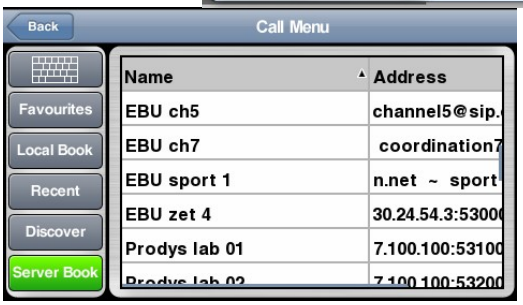
Common Call Directory (BOOK)

A shared Call Directory is provided for IP, SIP, ISDN and other applications.



The Call Directory (BOOK) is shared with any codec subscribed to this administration.



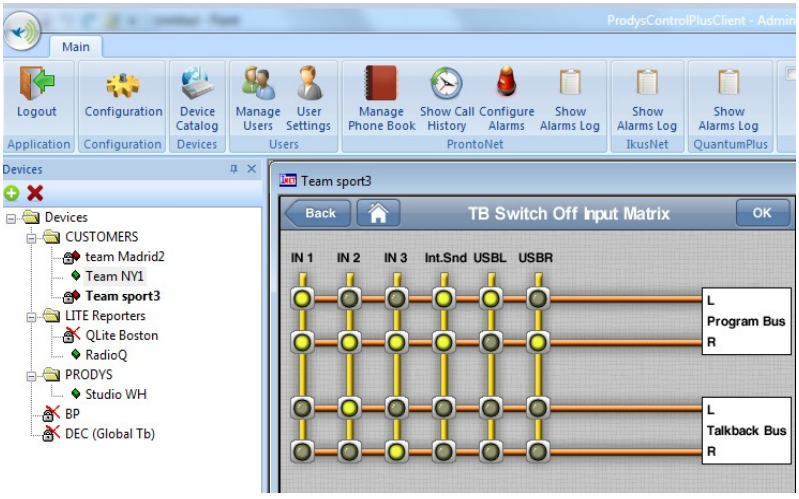


Selection of the streaming profile for the next audio or video connection.

Element Views:

Access to the remote field codecs as if seating in front of the codec:

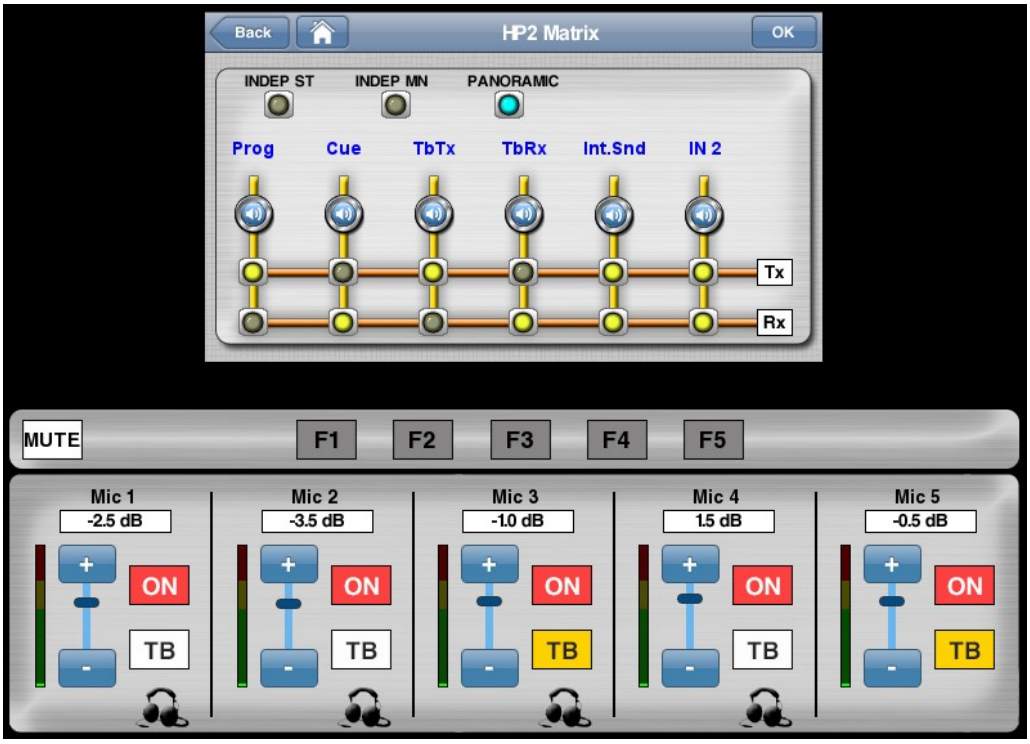
Encoder Mixer control of the field codecs:

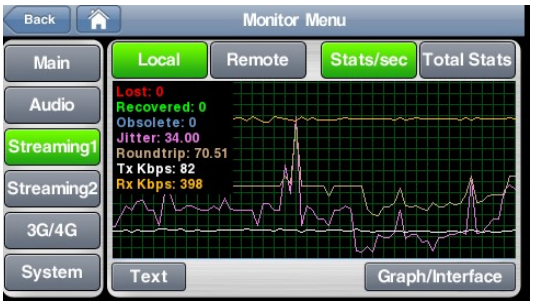


Remote input audio gain control; hand-free operation for talents:

- Remote Overall or individual Mute
- Remote Program and Talkback switching
- Remote Input gain control and input Vu-meter display

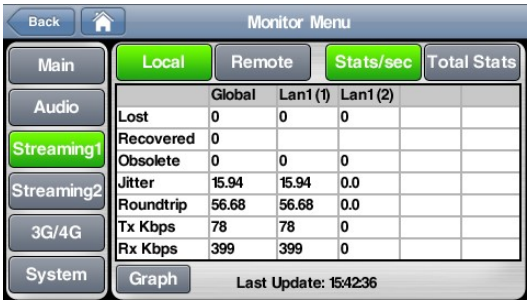
Independent Headphone mixer & balance control for each talent using short keys. (On the picture example for headphone-2)





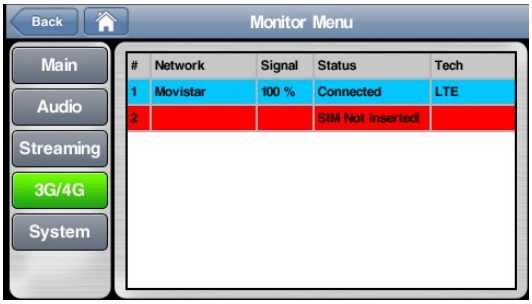
Streaming performance monitor:

Streaming Graphic analyzer over 24h for lost packets, round-trip time, streaming bandwidth, network jitter, recovered or obsolete audio data.



Streaming Statistical analyzer for any network performance data. Accumulated data over the connection time or refreshed every few seconds.

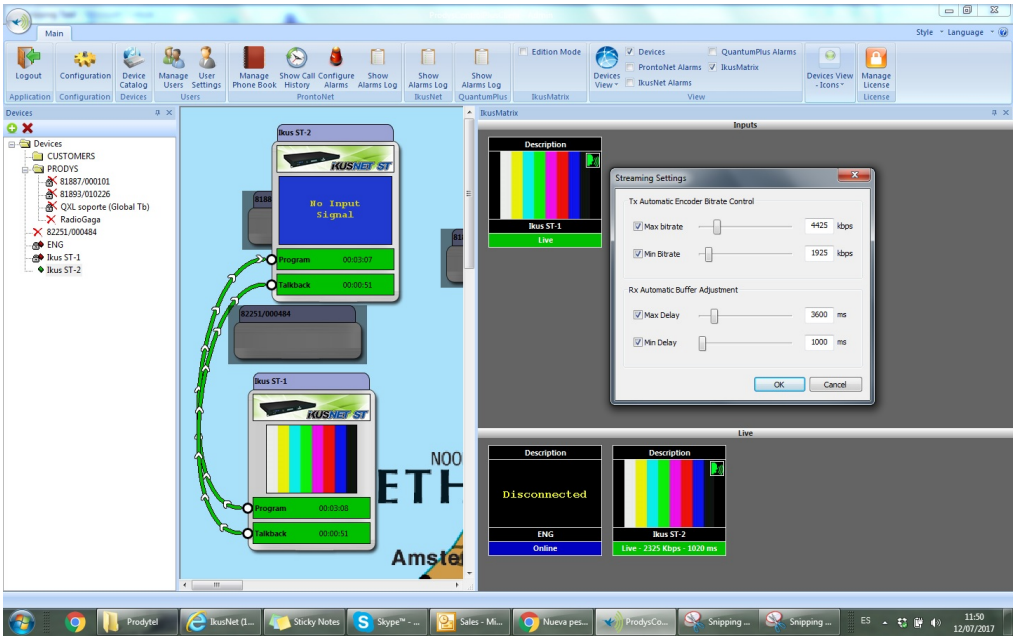
Statistical data from near and far end.



LTE network performance data for the full range of modems in use.

IkusMatrix View:

IkusMatrix view enhances the administration experience for video enabled products (Ikusnet product family).

Preview of any encoder or decoder would be available to the central position.

Bidirectional talkback audio connection between the field units and the local decoders can be commanded fluently from this position. Any video or audio connection can be initiated, stopped or adjusted from this position; the field team are not required to access their controls while handling their cameras.