

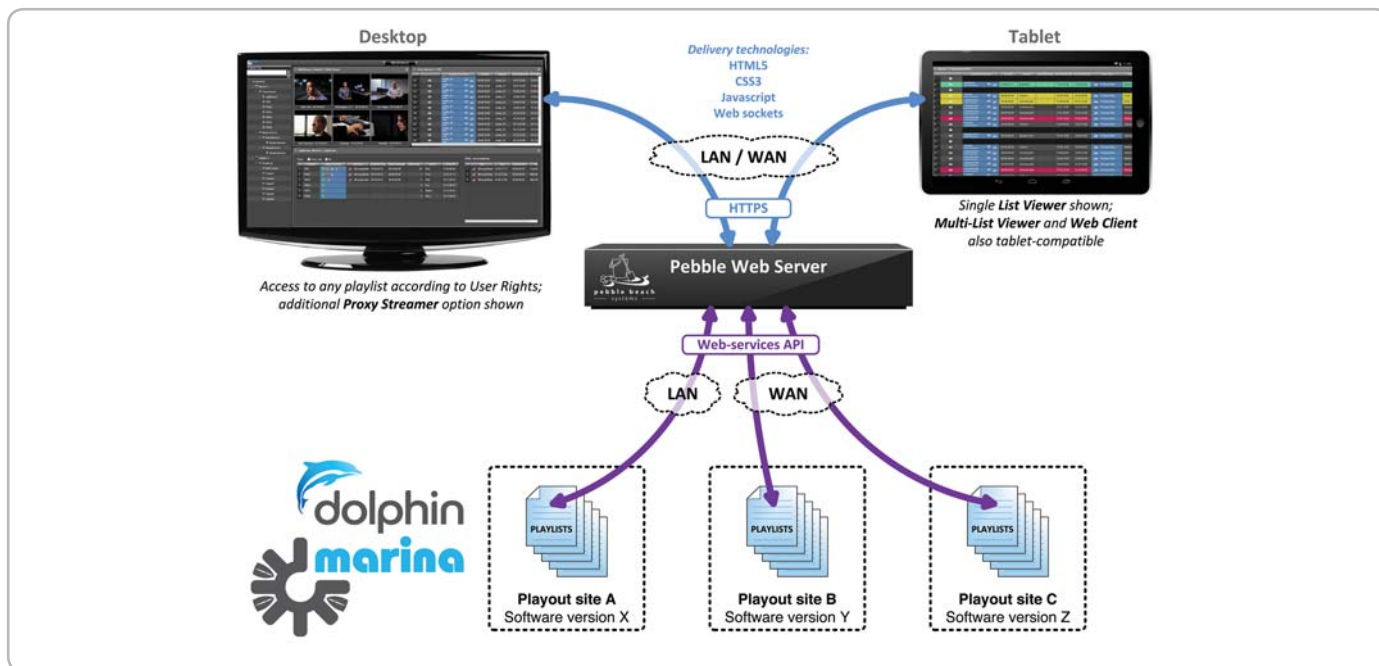
Pebble Web Client



The Pebble Beach Systems suite of Web Client tools delivers highly granular and efficient monitoring and control of Marina automation and Dolphin integrated channel devices. Created using HTML5 and the latest Web Server technology, these tools are designed to offer high visibility and access to systems of all sizes and architectures on PC or tablet devices using Chrome, Safari, Internet Explorer or Firefox browsers.

Operators are presented with views that closely mirror the full Marina client, allowing them to see playlist media and view device status with close to real-time updates.

PRODUCT
PREVIEW



Marina Web List Viewer

The Marina Web List Viewer gives an unlimited number of users access to a monitoring view of a pre-defined Marina playlist using standard web browser applications. Multiple Viewers can be installed, and password-protection ensures only the appropriate list can be viewed. The actual view which users are presented with is pre-configured using an Engineering User Interface.

1 required per playlist to be viewed.



Marina Web Multi List Viewer

The Marina Web Multi List Viewer gives an unlimited number of users access to an unlimited number of playlists in multiple Marina systems, and enables simple tasks including filtering and sorting, giving a near to real-time view of the SQL databases as well as playlists. Operators have visibility of multiple discrete systems, which may be operating in different standards, for fully international remote control.

The live, configurable view of all lists features the ability to collapse and open secondary events, and functions such as 'Time to Next Missing Event' are supported.

Item	Key	Properties Summary	Status Summary	Child Summary	Duration	Media	EST Start	EST End	SQL	Event Type
1	24/03/2014 10:23:08 15...									
2	Block 00									
3	media_2	00:00:00			00:00:00	media_2	15:57:13.03	15:57:18.03	00:00:00	PrimaryVideo
4	media_0	00:00:00			00:00:00	media_0	15:57:13.03	15:57:23.03	00:00:00	SecVideo
5	media_3	00:00:00			00:00:00	media_3	15:57:18.03	15:58:03.03	00:00:00	PrimaryVideo
6	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo
7	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo
8	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo
9	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo
10	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo
11	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo
12	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo
13	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo
14	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo
15	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo
16	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo
17	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo
18	media_0	00:00:00			00:00:00	media_0	15:58:03.03	15:58:03.03	00:00:00	PrimaryVideo

Control over which lists and views can be accessed is configured via the User Rights tools. The Marina Web Multi List Viewer requires dedicated host servers and is

compatible with the Marina Proxy Streamer.

Each concurrent connection requires an SQL CAL licence.

Marina Web Client

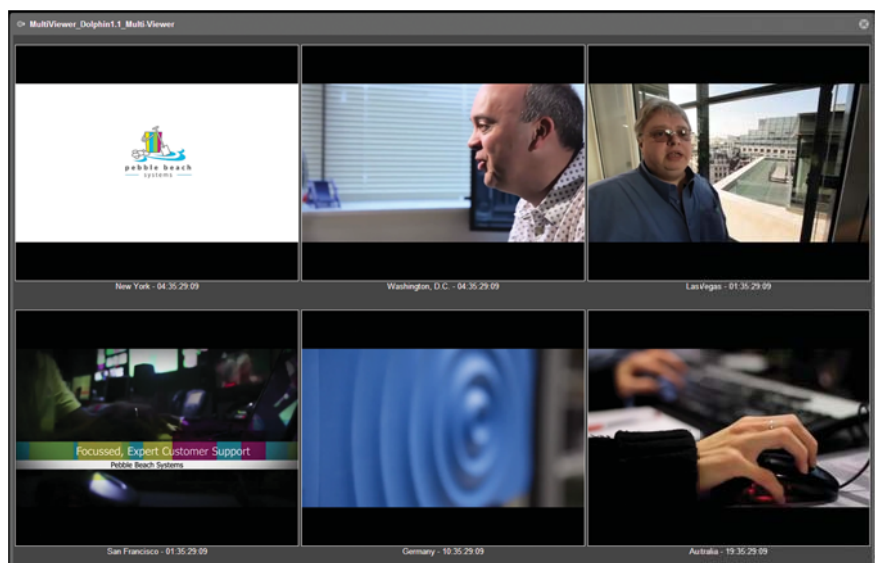
The Marina Web Client is a web-based interface which enables the control of distributed systems over remote locations, with the user able to connect both to multiple Marina systems and Dolphin devices from a single interface over local or wide area networks using standard IP protocols. Operators can view, edit and control lists, with access and editing privileges controlled via the User Rights tools.

The Marina Web Client requires dedicated host servers, and is compatible with the Marina Proxy Streamer. It may also be hosted within a browser-based window within the full Marina client.

One Web Client required per concurrent log in. Each client requires an SQL CAL licence from each system that is connected.

Marina Proxy Streamer

The Marina Proxy Streamer is compatible with both the Web Multi List Viewer and the Web Client, and provides a view of a configurable selection of IP streaming outputs within Marina's web access environment. Proxy streams can be taken from Dolphin integrated channel devices or from other compatible video servers under Marina control, all of which may be geographically separate. Each stream is labelled with its location and the current time for ease of identification. The Proxy Streamer also works in single view mode, so that operators can select any IP stream and view its current output in the web client.



The Marina Proxy Streamer requires a host server, and can optionally run on same host server provided

for Web Multi List Viewer or Web Client.
1 required per system.

Lighthouse Monitoring by Exception



Designed to alert operators clearly and unambiguously to upcoming problems, Lighthouse is a dashboard display tool within the Pebble Web Client which monitors by exception.

Channel	Status Summary	First Error	First Error Time	Time to First Error	Error Count	On Air	On Air To
1 PDS		MissingMedia	16:33:17.00	00:30:00.00	20	Sub	17:00:00.00
2 PBS2		MissingMedia	16:03:17.00	00:00:00.00	3	Fred	15:53:17.11
3 PBS3		MissingAudio	16:03:17.00	00:00:00.00	2	Billy	12:11:00.23

Type	Time	Time to Error
1 MissingMedia	16:33:17.00	00:30:00.00
2 MissingMedia	17:00:00.00	00:00:00.00

The dedicated user interface gives a clear indication of potential issues across multiple channels and systems, displaying, for example, missing

media alerts, or timing and overlap anomalies. With more channels being controlled by fewer operators,

Commercial20 has Missing Media error!
Commercial20 has Missing Media error on Main!
Promot has Invalid Media Segment error on Main!
Promot has ECM Extent error on Main!

Lighthouse maximises the opportunity for errors to be detected early and safeguards the smooth playout of all channels.

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