

greenMachine[®] something wonderful

LYNXTechnik AG

Introducing **greenMachine**



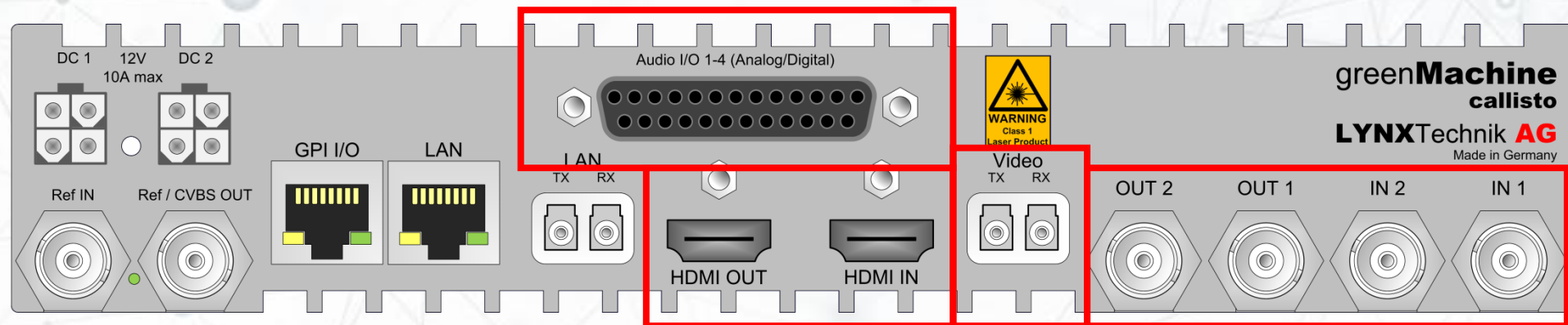
What makes greenMachine different?



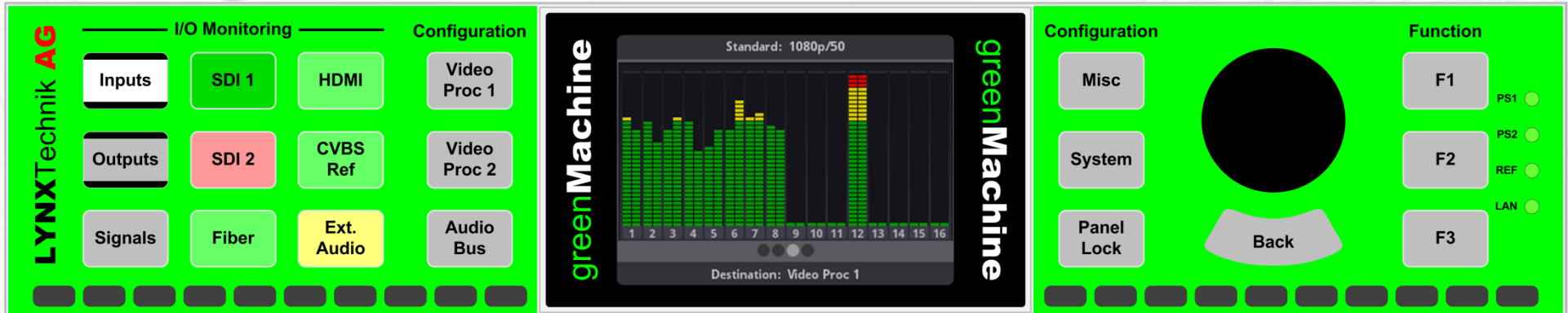
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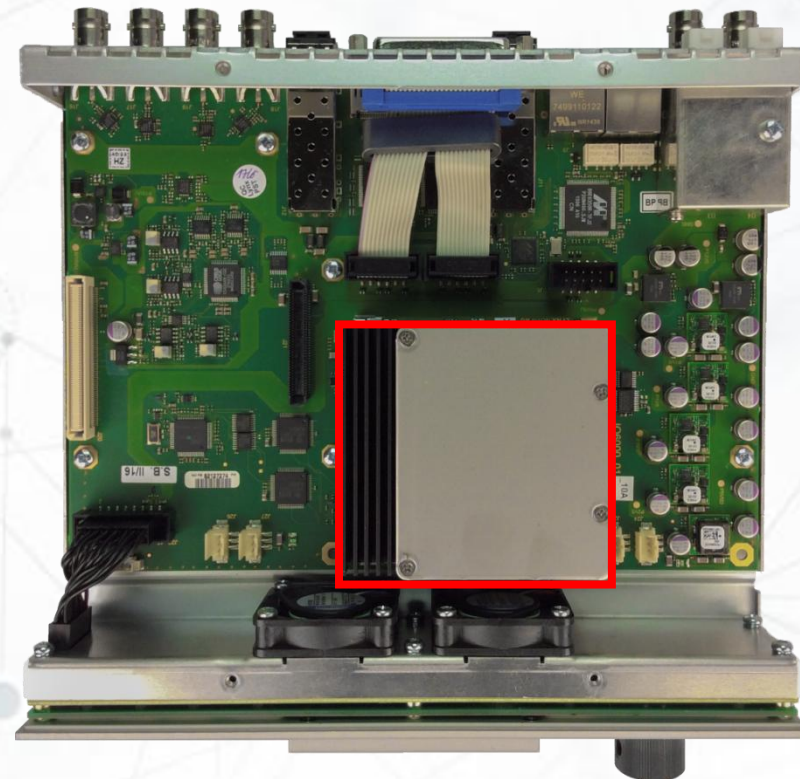


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State of the art
FPGA

2x ARM Cores

Memory



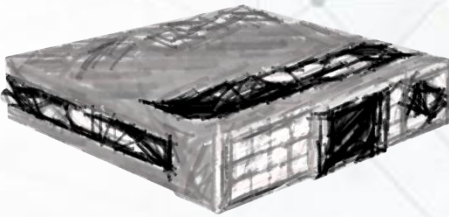
Only ½ 19" wide

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IBC 2016

Coming soon

Coming soon

IBC 2017

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The APPs



- Image Scaler / Downconverter



- Frame Synchronizer



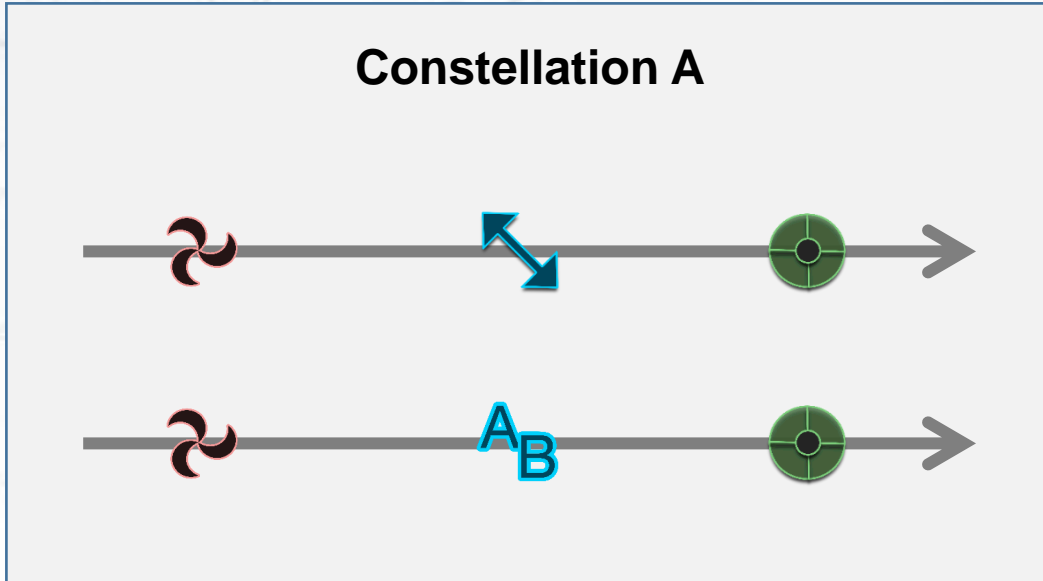
- Test Signal Generator

The APPs

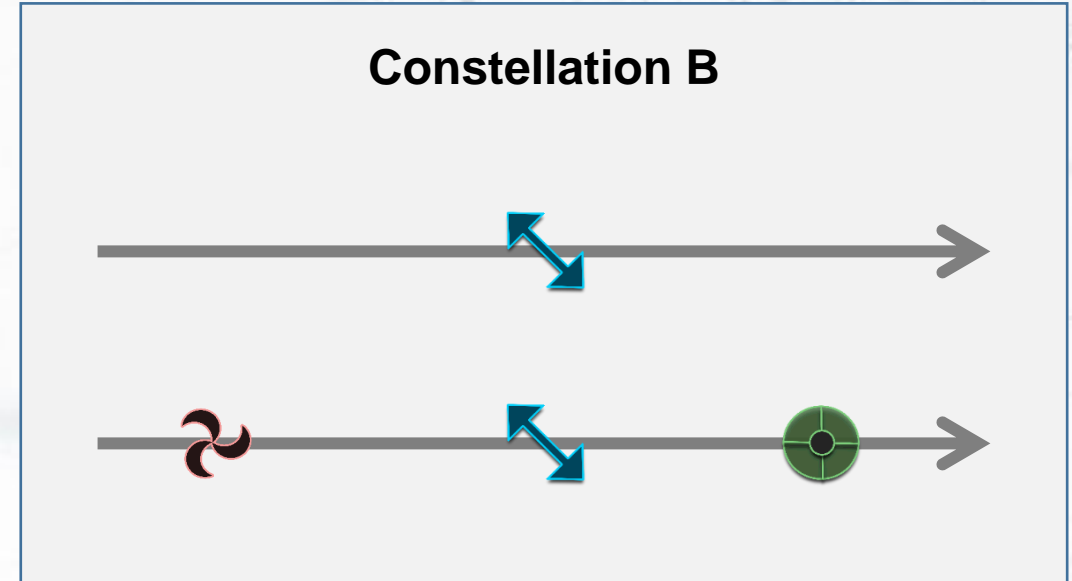


How are the APPs managed?

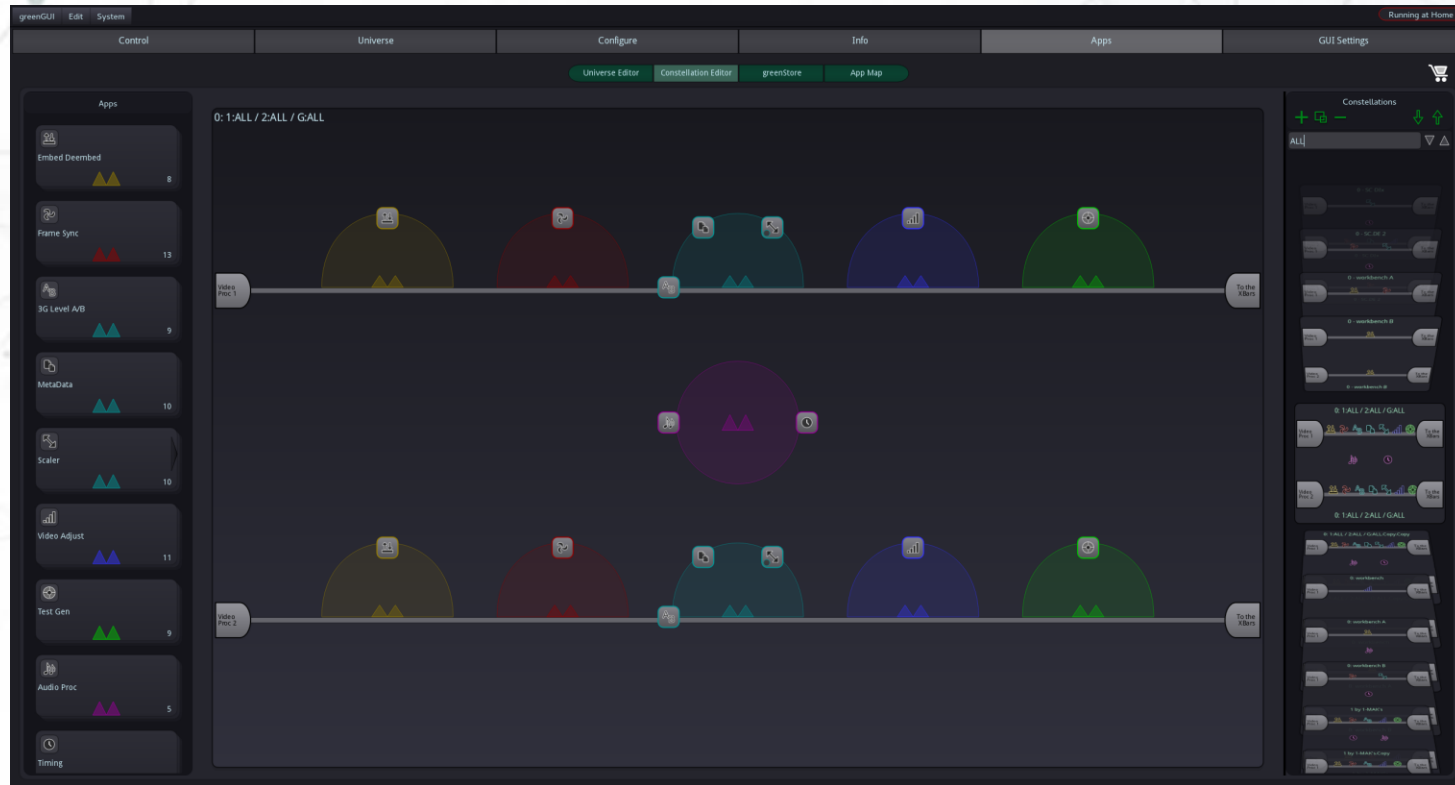
Constellation A



Constellation B



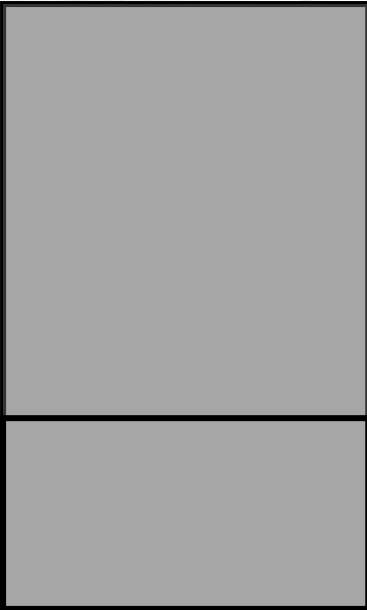
greenGUI – Constellation Editor



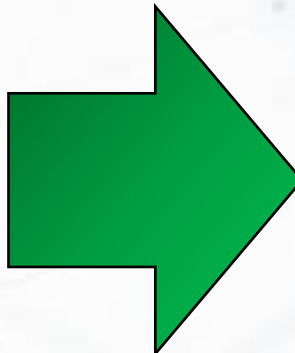
Traditional A/V Processor



Functions Total:



Price:



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APPS Used:



Price:



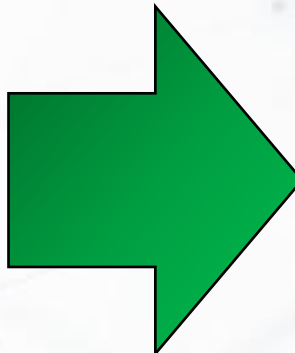
Traditional A/V Processor



Functions Used:



Price:



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Operation and Configuration is

- Simpler
- More Intuitive
- Safer

UHD-TV

4k

3D

8k

MADI
RAVENNA
DANTE
AES67

3G Level B

6G 12G

10G Ethernet

SMPTE 2022-6

TR-03+

SMPTE 2110

JPEG 2000

H 264 / H 265

TICO

Don't worry we've got an APP for that...



Where can I buy APPs?

greenStore[™]

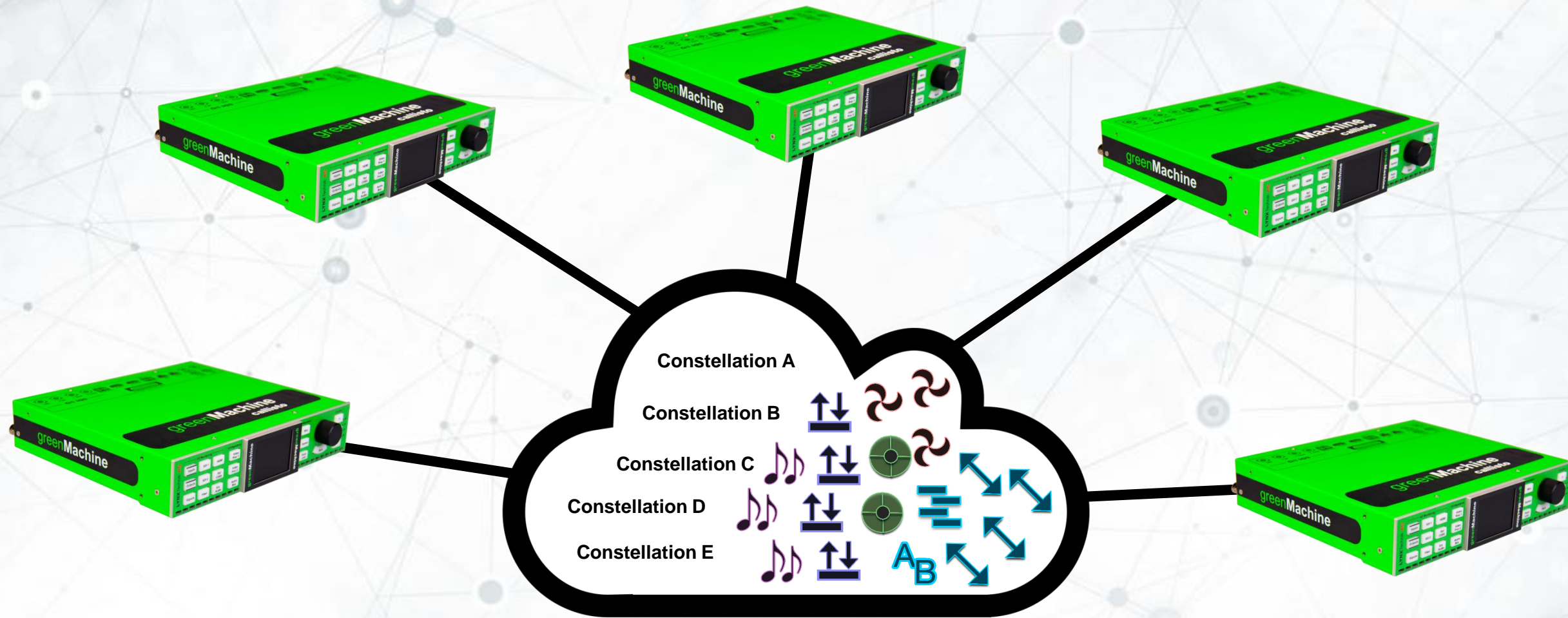
What you have seen so far...

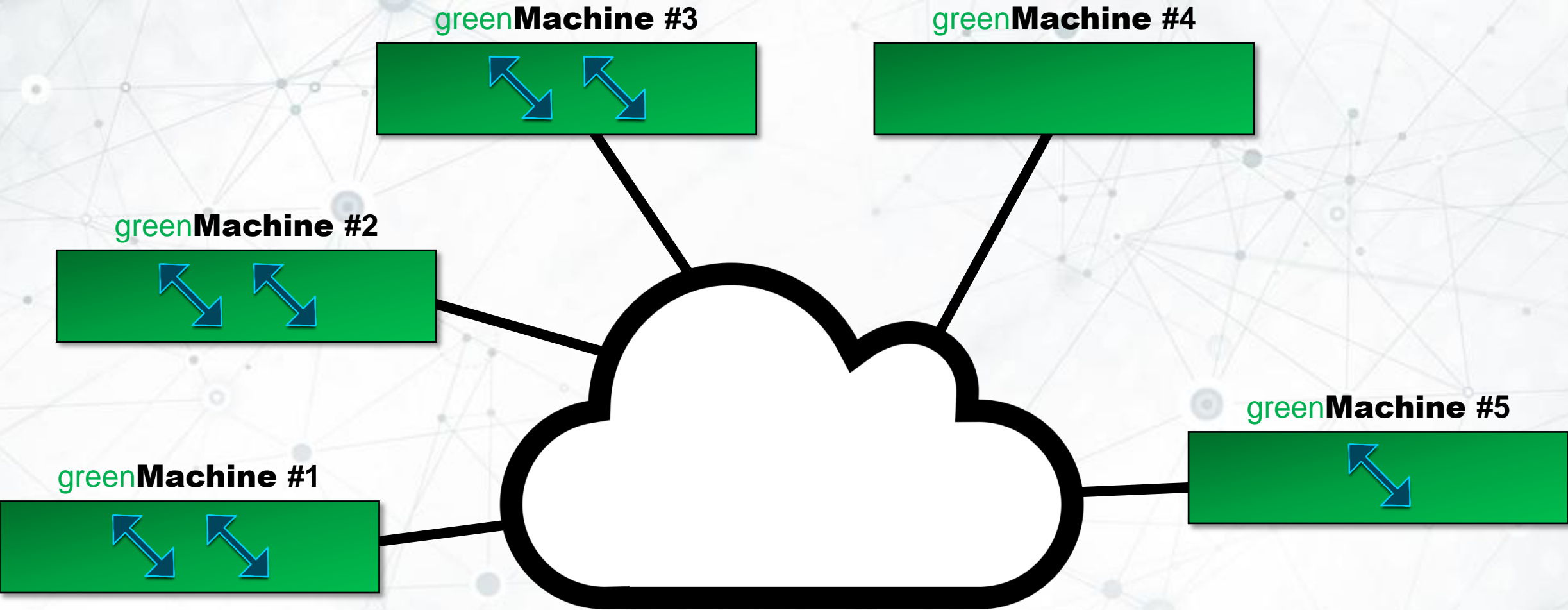
- greenMachine callisto
- Constellations
- APPs
- greenStore

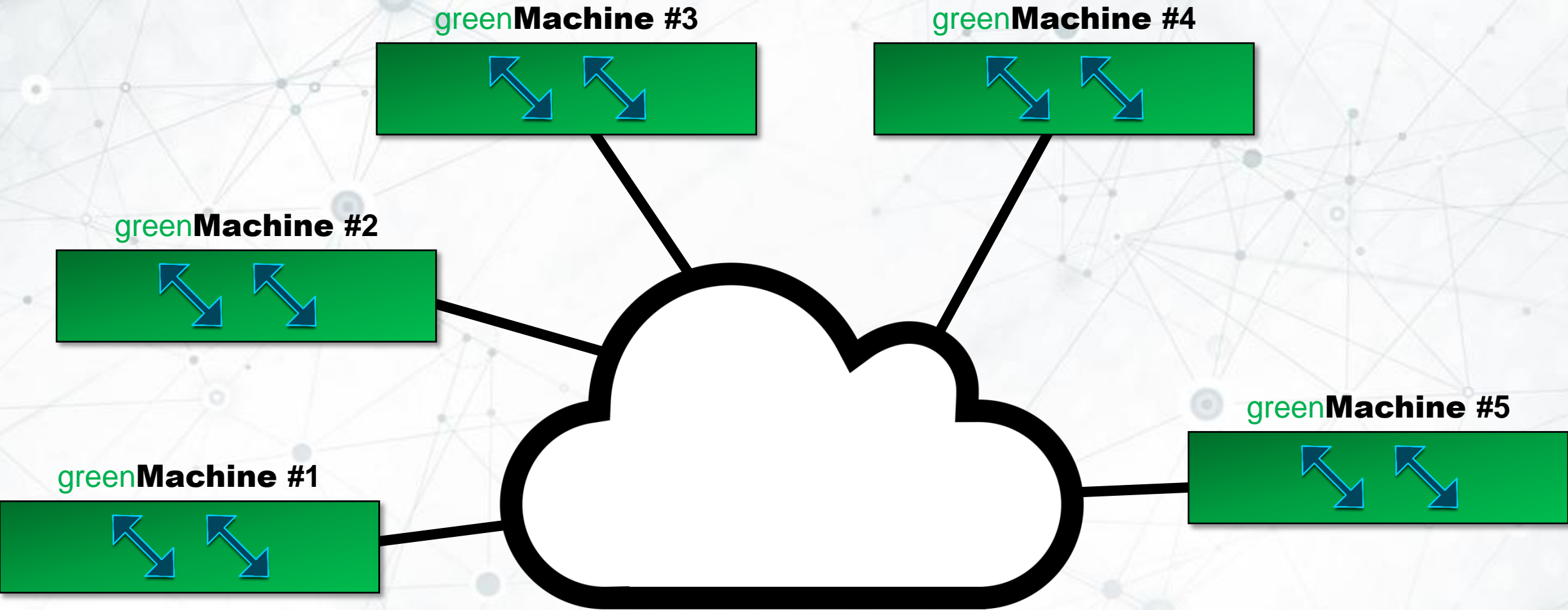


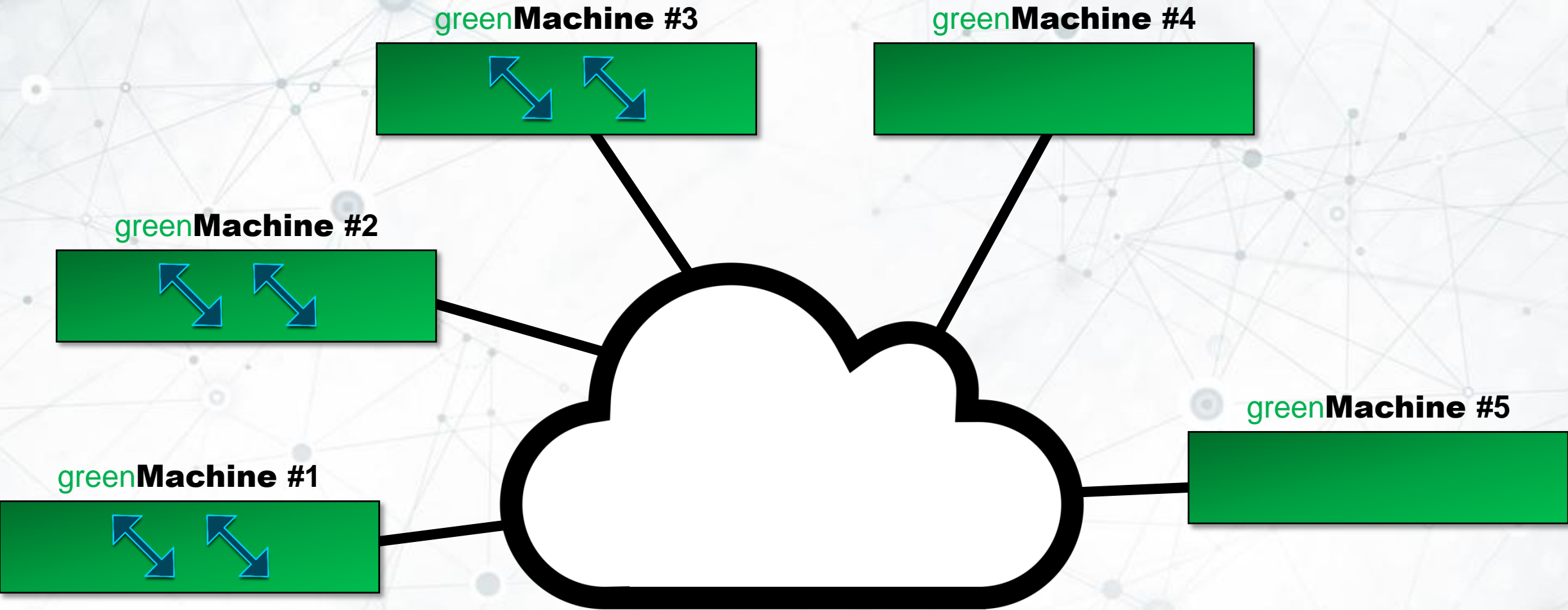
greenUniverse



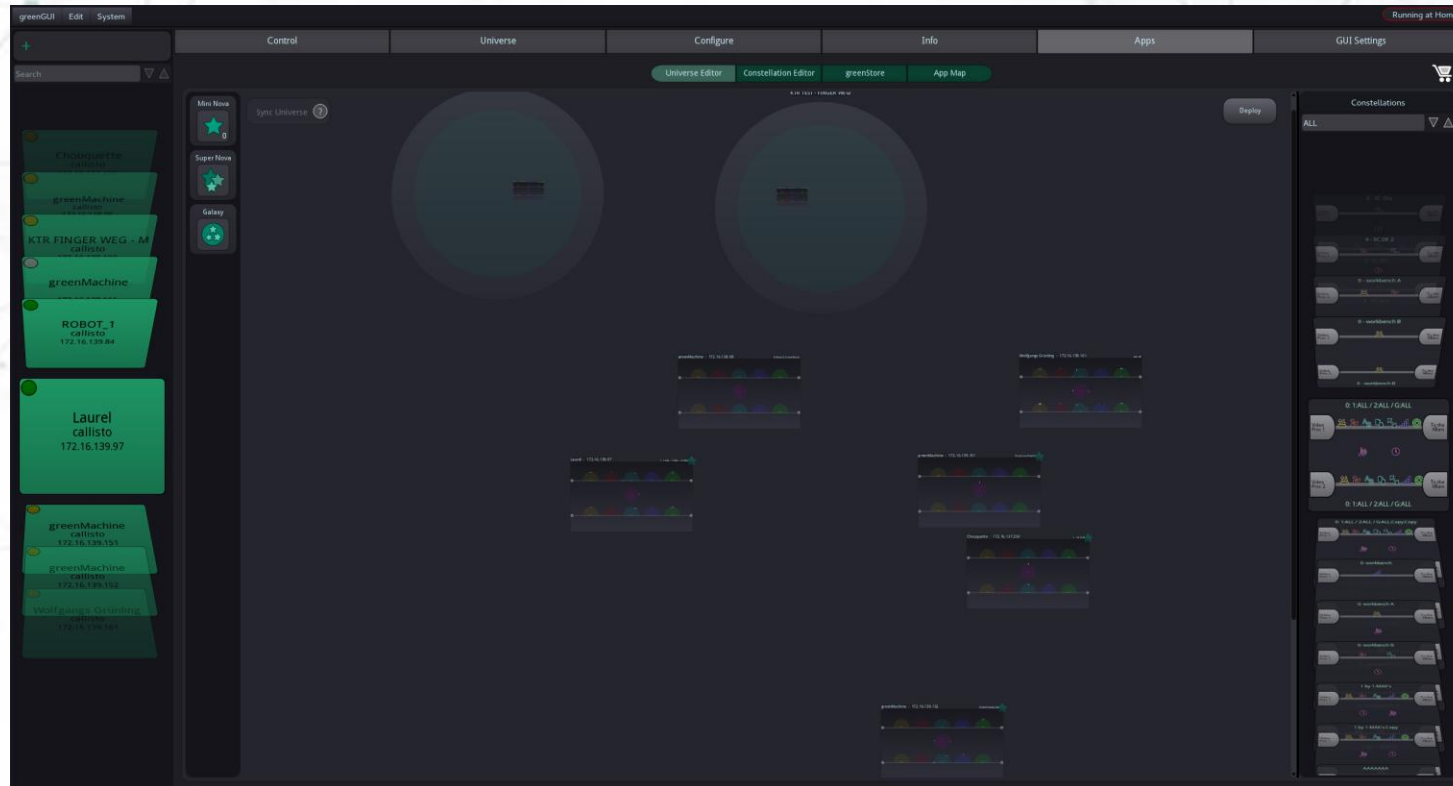


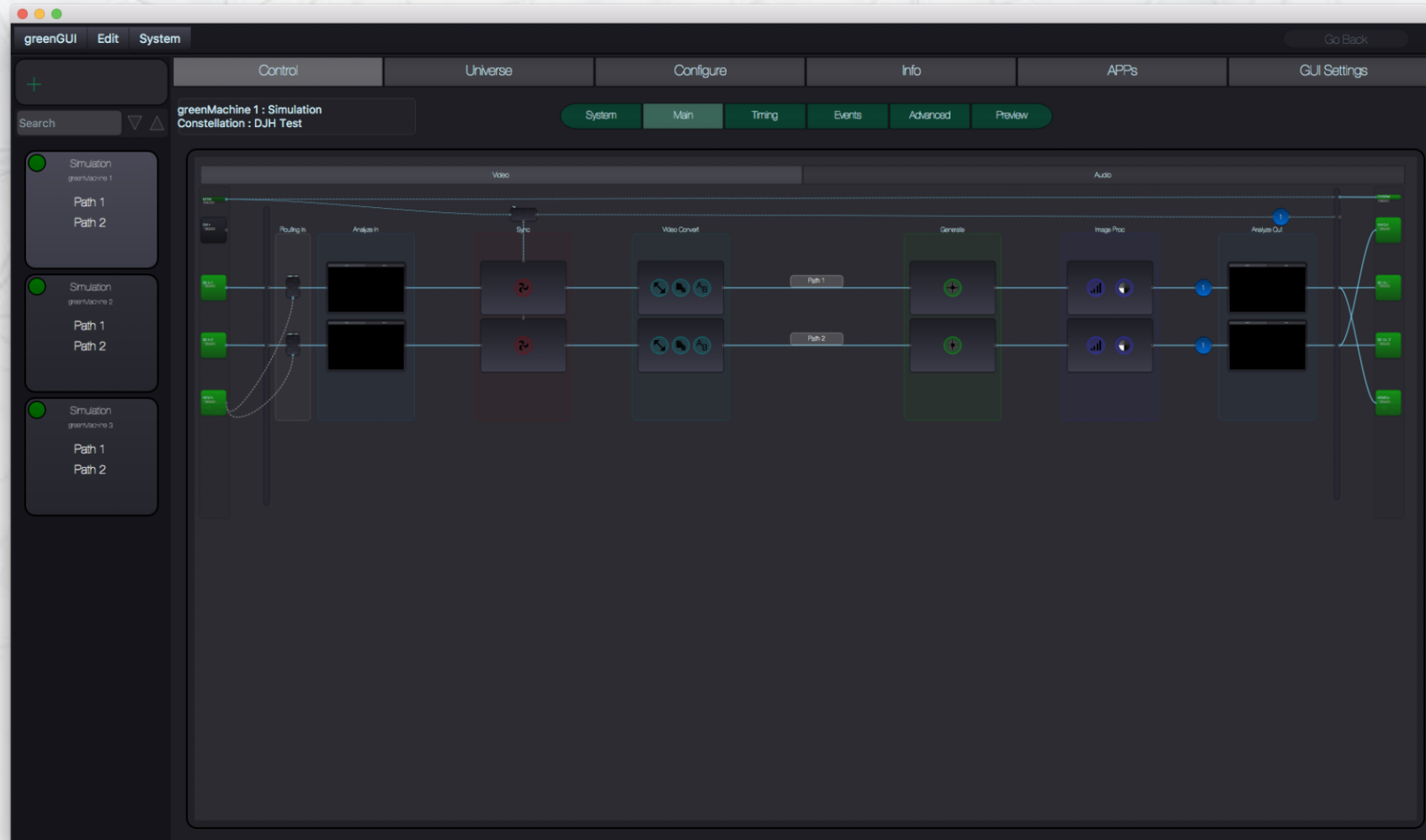


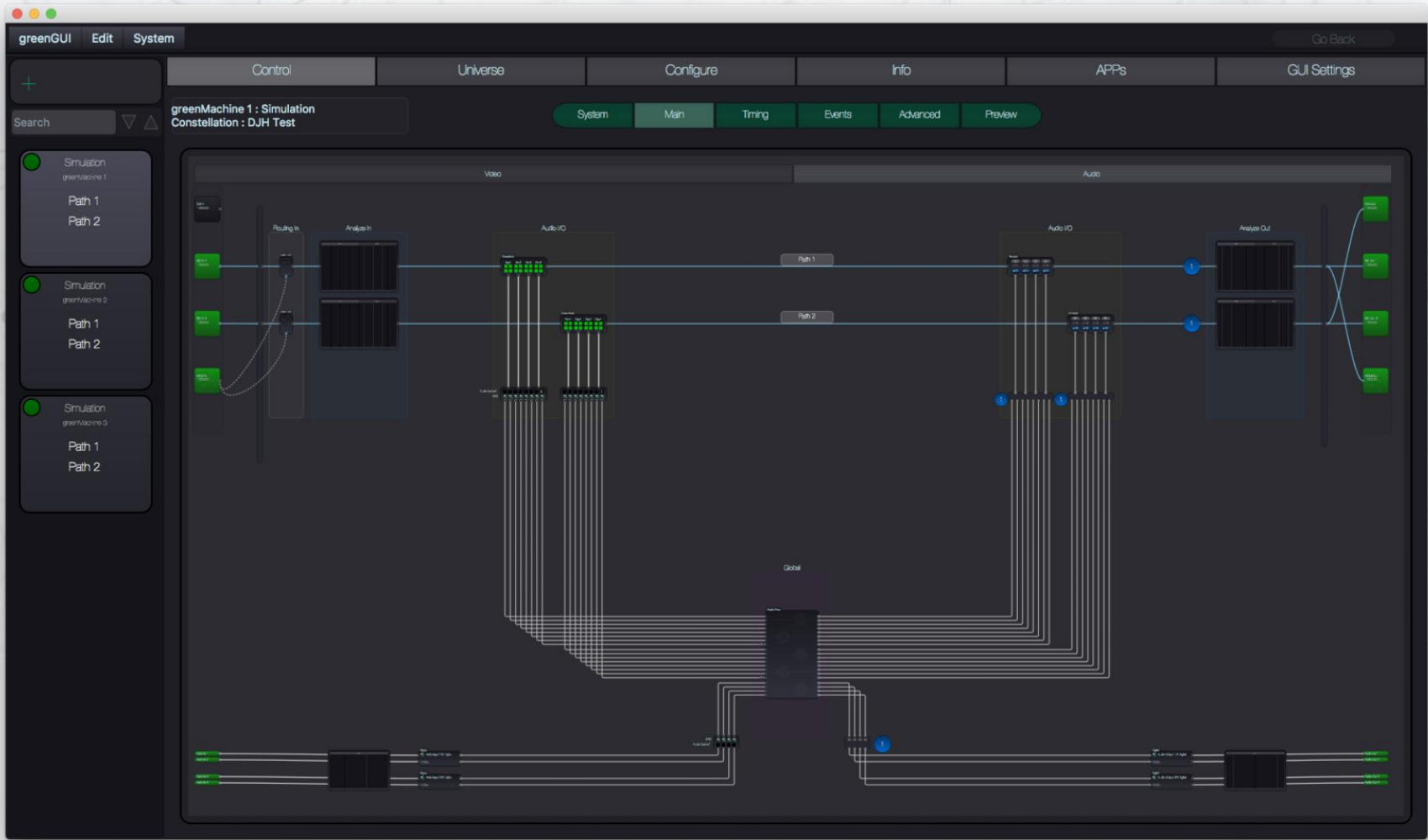




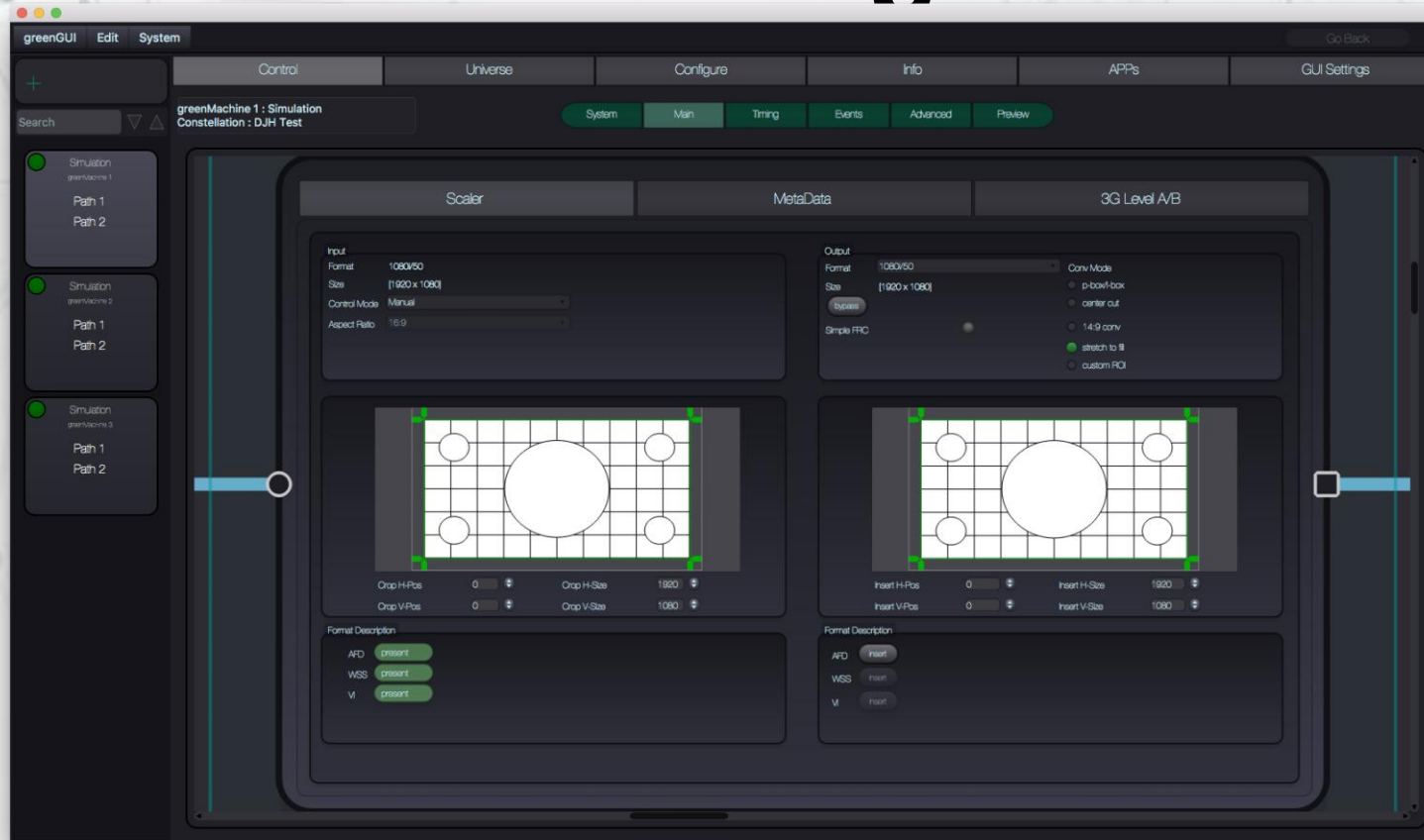
greenGUI – Universe Editor



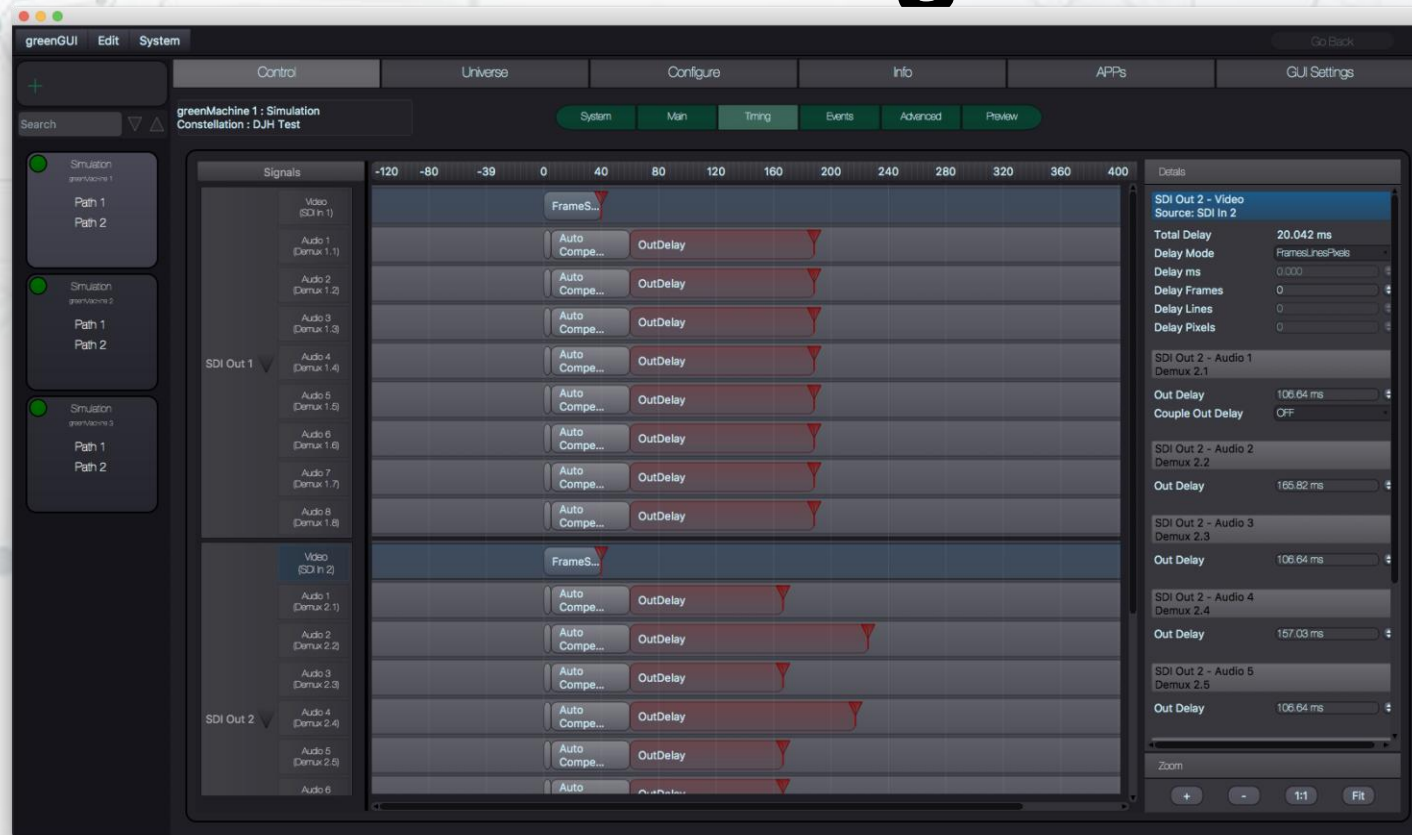




greenGUI – APP Configuration



greenGUI – APP Configuration



greenGUI – APP Configuration

Remote Management

- KSC Core
- Dataminer
- VSM

CustomControl



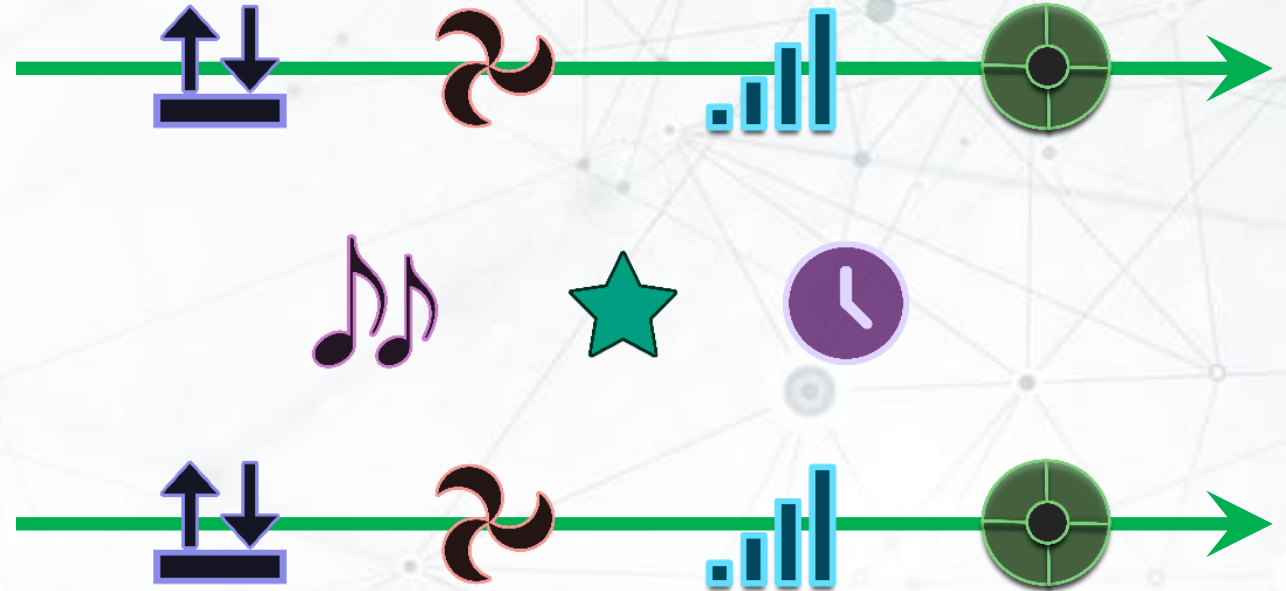
Packages

Pre-defined sets of APPs including Hardware

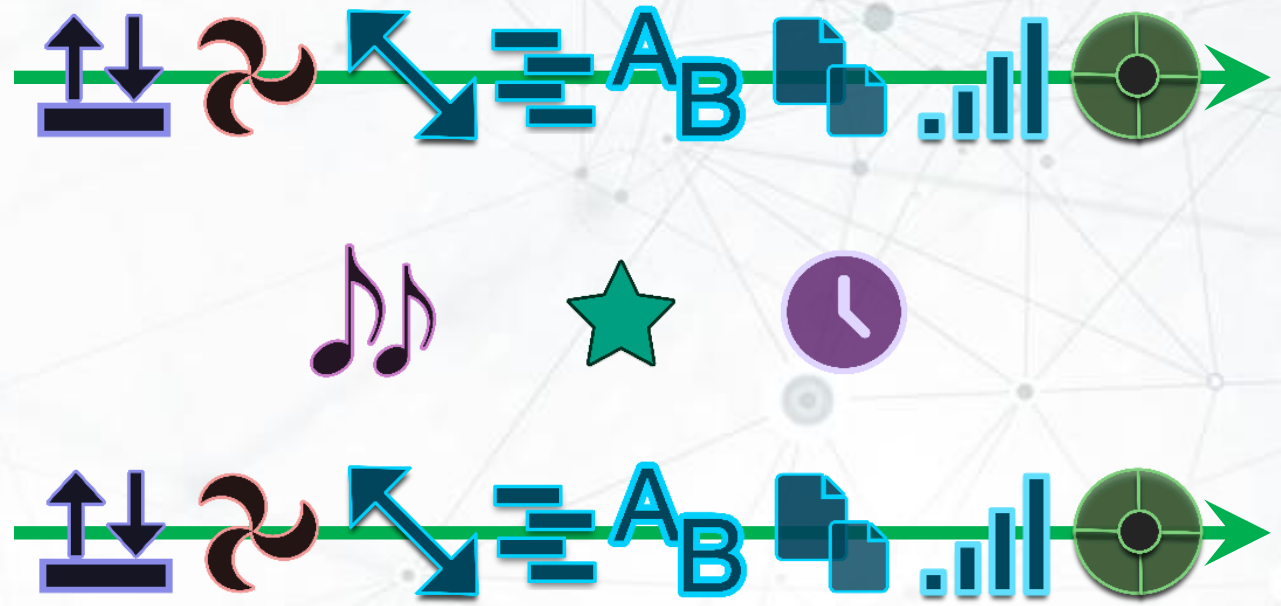
Cost effective „Menus“ tailored for basic broadcast needs

- Dual Frame Synchronizer
- Dual UPXD
- Dual Transport

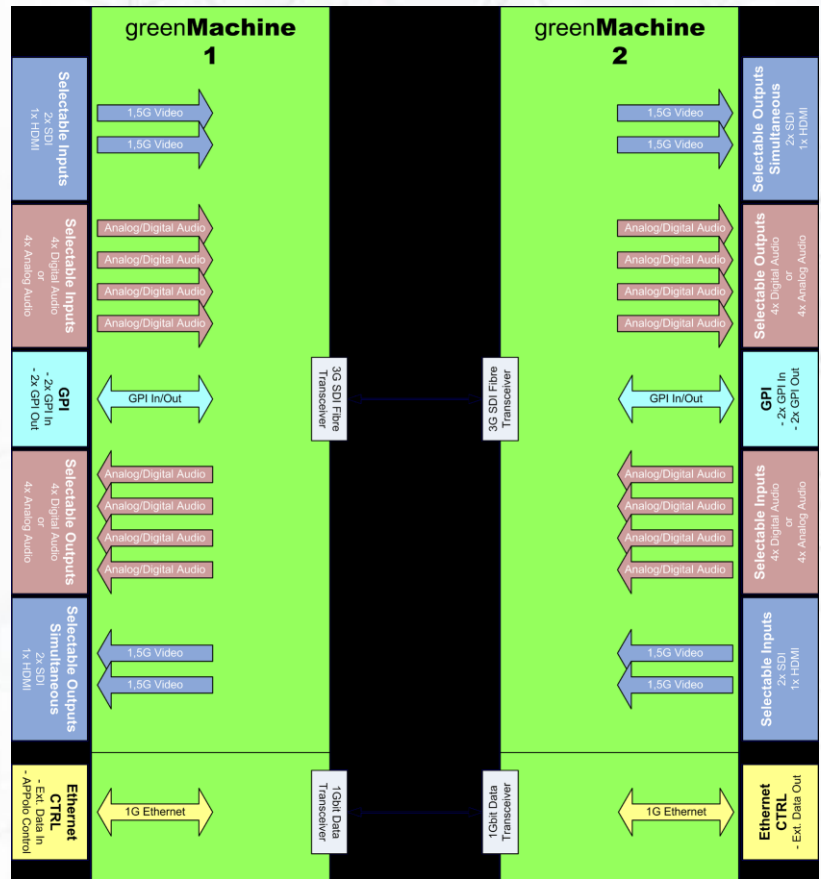
Dual Frame Synchronizer



Dual UPXD



Dual Transport



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IBC 2016

Coming soon

Coming soon

IBC 2017

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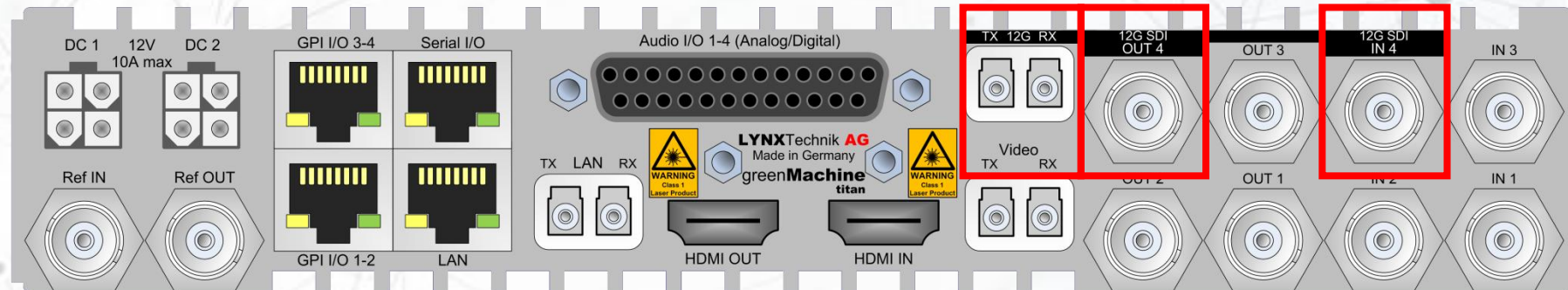
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- **Quad 3G or single 4k 12G Processing Unit**
- **12G SDI input and output**
- **12G SDI fiber Transceiver**

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IBC 2016

2018

Coming soon

IBC 2017

Coming soon

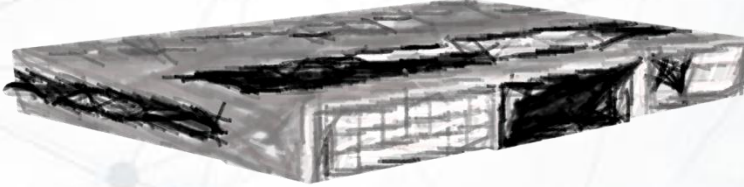
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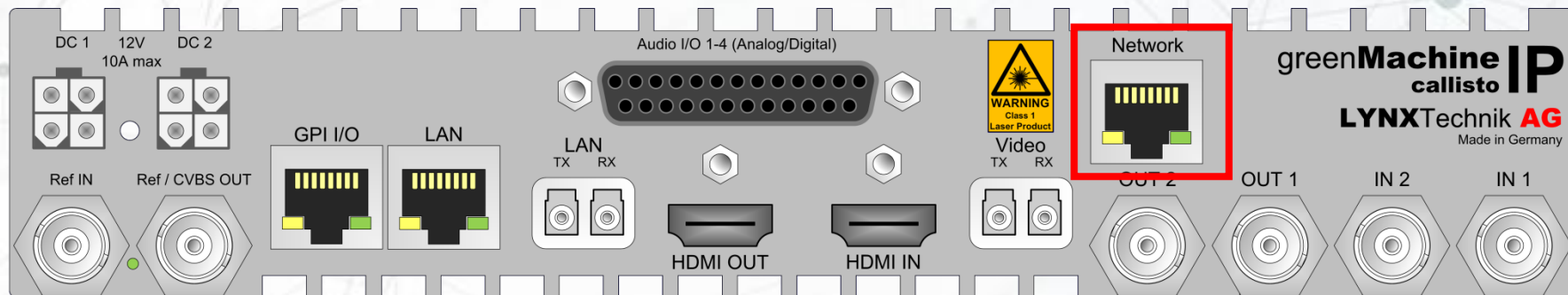
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- SMPTE 2110
- Dual Processing Unit
- H.264 hardware encoder

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Coming soon

Available
now

2018

2018

2017

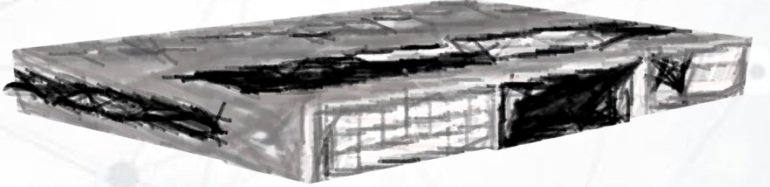
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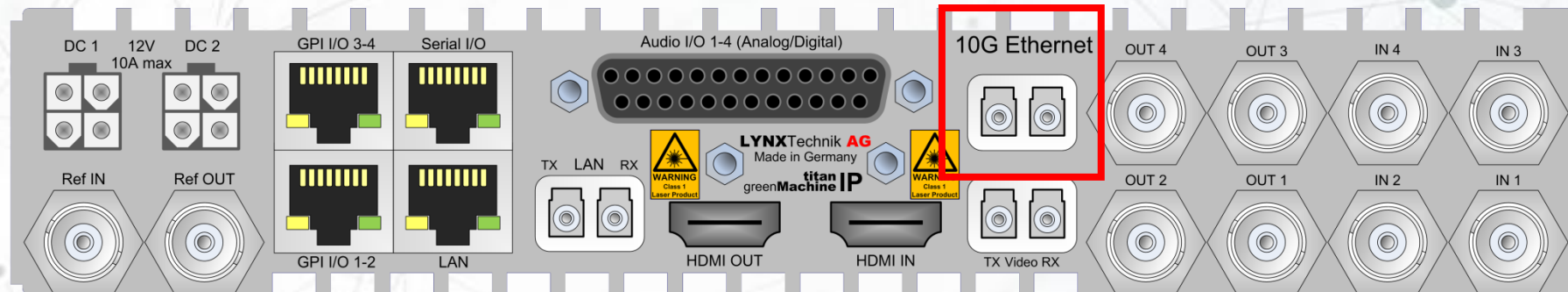
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- SMPTE 2110
- Quad 3G or single 4k 12G Processing Unit
- 10G Ethernet Interface

One more thing...

... APPs are exchangeable between the different greenMachine hardware platforms.

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Hardware Mounting – one machine



Hardware Mounting – two machines



FIN



www.green-machine.com

