

VersActive Pro Transcoding System



PRODUCT OVERVIEW

ATX's game-changing approach to Professional Transcoding



Why VersActivePro?

VERSATIVE[®] PRO

Because of >>>>>
Unaddressed
Video Transcode/Encode Needs



Issues Operators have with Transcoders

- **Pricing** – “encoding/transcoding is far too costly”
 - To handle an entire lineup in great High Quality video
 - To change Licensing from SD-HD-SD, or MBR, or add Profiling or migrate Licenses
 - To add Control & Monitoring, or multiple redundancy types
- **Flexibility** – “transcoding Licenses are far too limiting”
 - Today’s standard HD MPEG2 License, or an HD H.264 License, isn’t ‘variable’, so Operators pay to move or change Licenses, from **all** transcoder/encoder vendors.
- **Support** – “is far too costly”
 - Usually, ~5-6 years of paying costly Support fees = a new transcoder!!



Overcoming those Issues with

VERSATIVE[®] PRO

- Our '**License-Less**' system allows for unlimited movement of Licenses within any VersActivePro (ie whatever will fit) - no 'conditions'! Transcode what you want, when you want, how you want!
- **4 different sized units** can handle any/all of your scalable needs into the future.

VersActive Pro offers:

- Outstanding video quality at high **and low** bit-rates
- Multiple baseband & IP inputs; redundant, hot-swappable PS, PID pass-through
- Professional features
- **Live preview video** - of inputs
- **VMS** - **V**ideo **M**anagement **S**ystem:
 - cluster manageable,
 - multiple redundancy types,
 - simplified operations



Value Proposition

VERSATIVE[®] PRO



- 'License-Free' = Hassle-Free
- Exceptional cost effective
- Cluster manageable (single GUI for multiple units)
- Multiple redundancy types
- Multiple layer Monitoring
- Video quality vs. BR
- SW only or HW based solution





A detailed look at **VERSATIVE[®] PRO**

- **Versatile:** MPEG-2/4 - HD/SD/MBR/CBR/VBR -transcode/encode
- **PRO Quality:** Great Video at ALL Multi Bit-Rates, even <1 MBs
- **License-Free:** **Hassle-Free!** Whatever fits in any of our 4 VersActive Pro units, you can use and change at any time, including multiple outputs from a single input
- **Fully Scalable:** One management GUI handles multiple VersActive units
- **Input Preview:** Actually see that your feed is active, properly streaming
- **Redundancy:** Numerous Redundancy schema, incl n:m (with VMS)
- **Multiple input options:** Baseband & IP
- **Optimized for OTT:** With multiple formats & codecs
- **Open API:** Allows for easy video network integration
- **Low Ownership Cost:** via ATX Value-Support



Capacity Examples

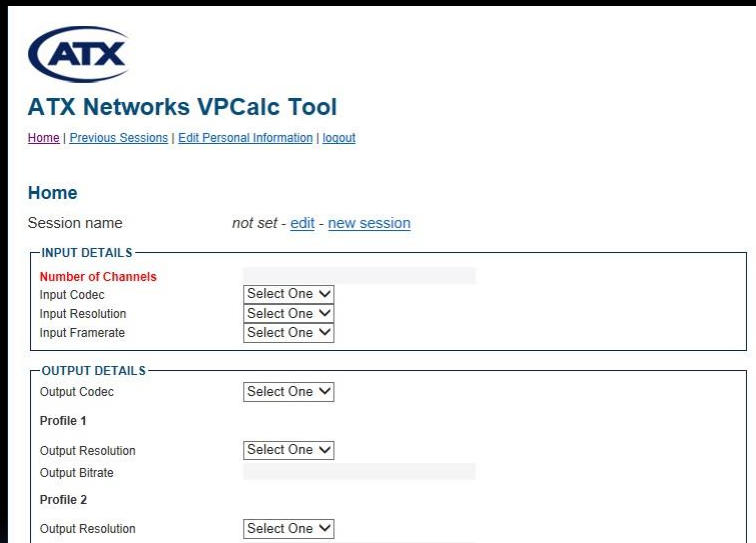
VERSATIVE[®] PRO

V-Pro size	M2 SD > M4 SD	M2 HD > M4 SD	M2 HD > M4 HD/SD MBR *	M4 HD > M4 HD	M2 HD > M4 HD	M2 HD > M2 HD
Mondo 	100	72	16 in > 48 out	32	28	20
Grande 	25	18	4 in > 12 out	8	7	5
Medium 	18	11	2 in > 6 out	5	4	3
Small 	12	8	1 in > 3 out	3	3	2

- Examples shown assume 30 fps; (M2 = MPEG-2; M4 = MPEG-4/H.264)
- * assumes 1 input to 3 MBR outputs:
 - EG: (H.264 1080i @ 5 Mbps + 720p @ 2 Mbps + 480 @ 1 Mbps)



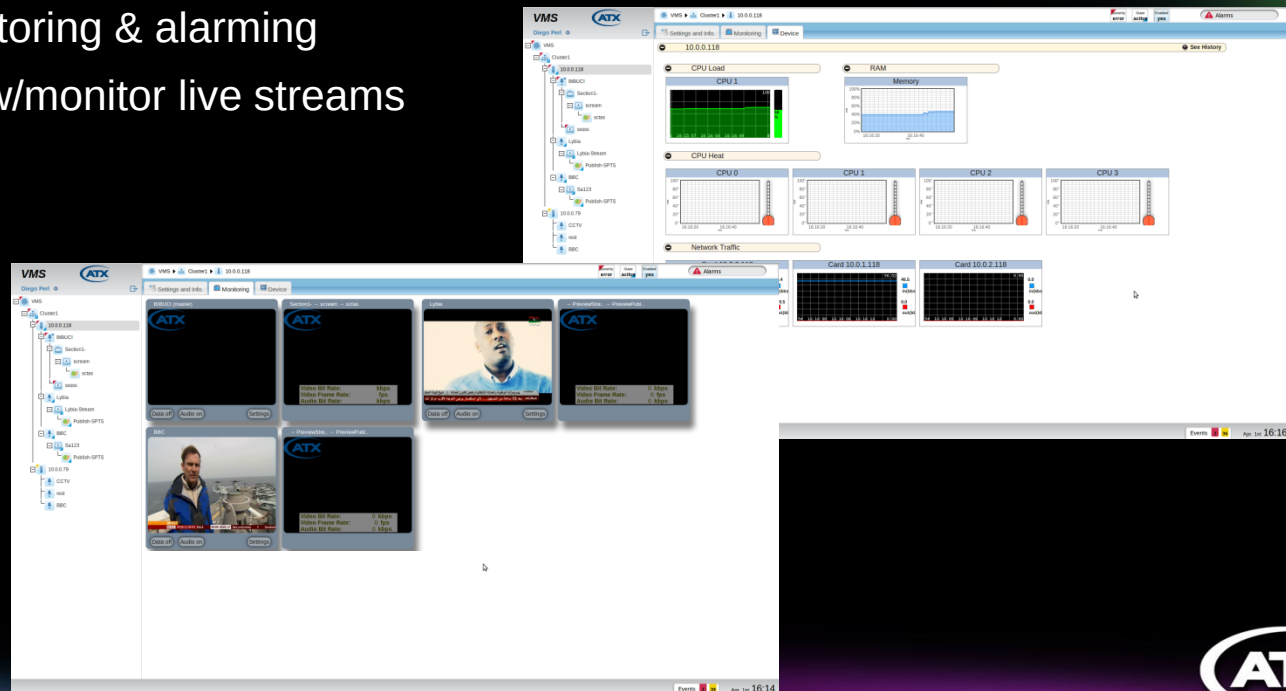
- An on-line calculator is available to figure out the size of the unit required for any transcoding application
 - <http://atxnetworks.com/vpcalc/>



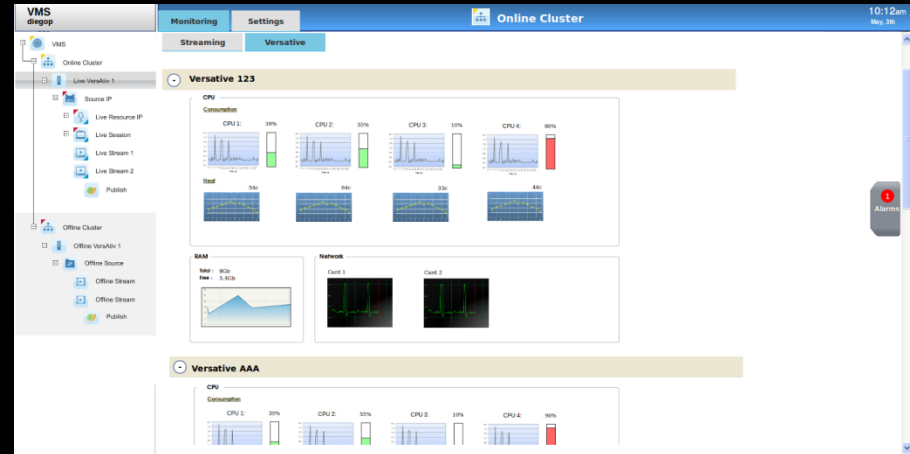
The screenshot shows the ATX Networks VPCalc Tool interface. At the top is the ATX logo and the title "ATX Networks VPCalc Tool". Below the title are navigation links: [Home](#), [Previous Sessions](#), [Edit Personal Information](#), and [Logout](#). The "Home" section is active, showing a "Session name" field with the text "not set" and links for [edit](#) and [new session](#). The interface is divided into two main sections: "INPUT DETAILS" and "OUTPUT DETAILS". The "INPUT DETAILS" section includes a "Number of Channels" field (with a value of 1) and three dropdown menus for "Input Codec", "Input Resolution", and "Input Framerate", all set to "Select One". The "OUTPUT DETAILS" section includes a dropdown menu for "Output Codec" (set to "Select One"), a "Profile 1" section with "Output Resolution" (set to "Select One") and "Output Bitrate" (empty), and a "Profile 2" section with "Output Resolution" (set to "Select One").

• Monitoring of ATX Transcoding, Encoding & Packaging

- System health monitoring & alarming
- Stream monitoring & alarming
- Ability to view/monitor live streams

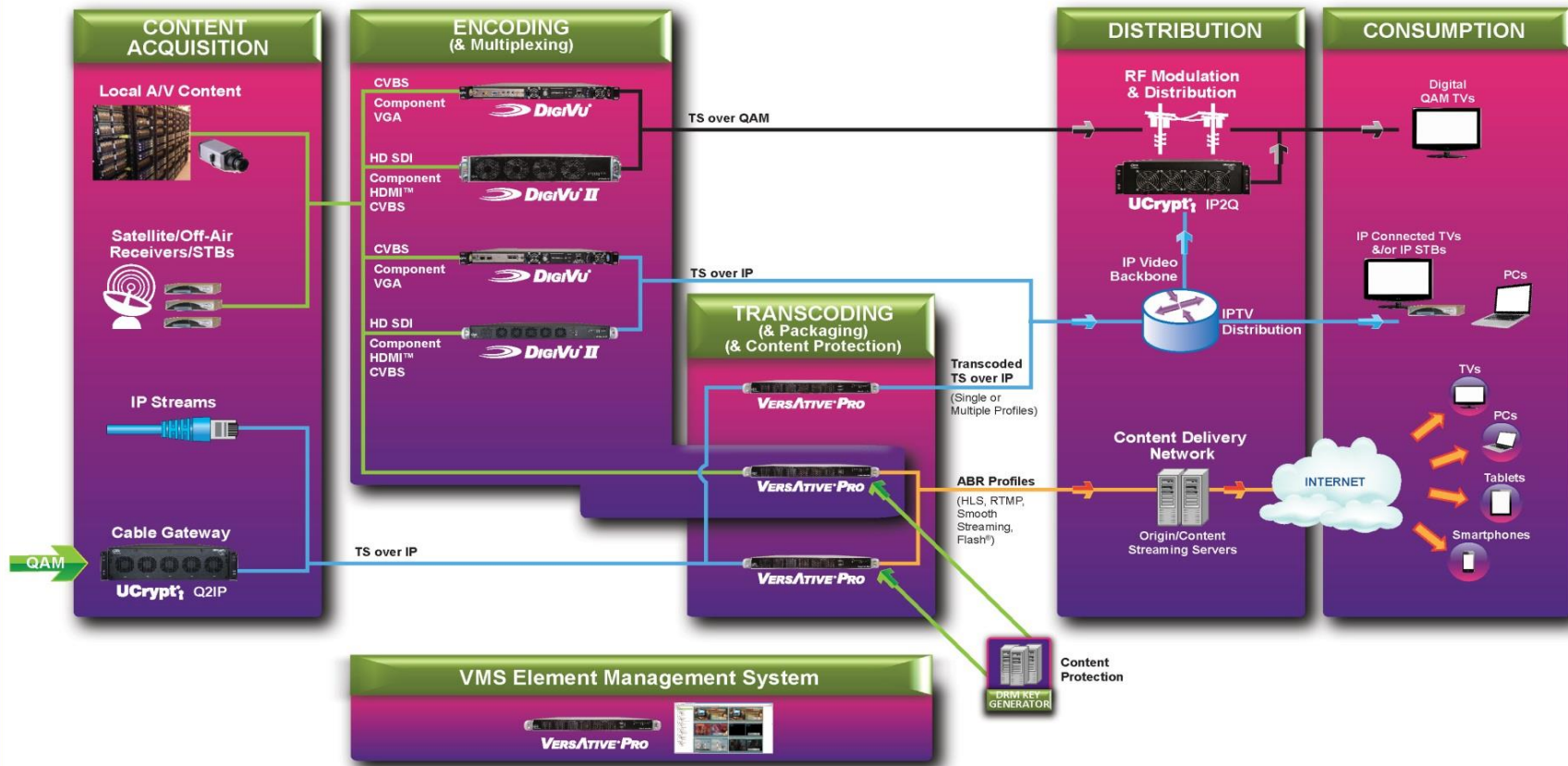


- **Centralized, Clusterable System Management**
 - Scalable & flexible
 - Add/remove VLANs
 - Supports 1:1, 1:n, and even n:m redundancy schemas



Eco System

VERSATIVE[®] PRO



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