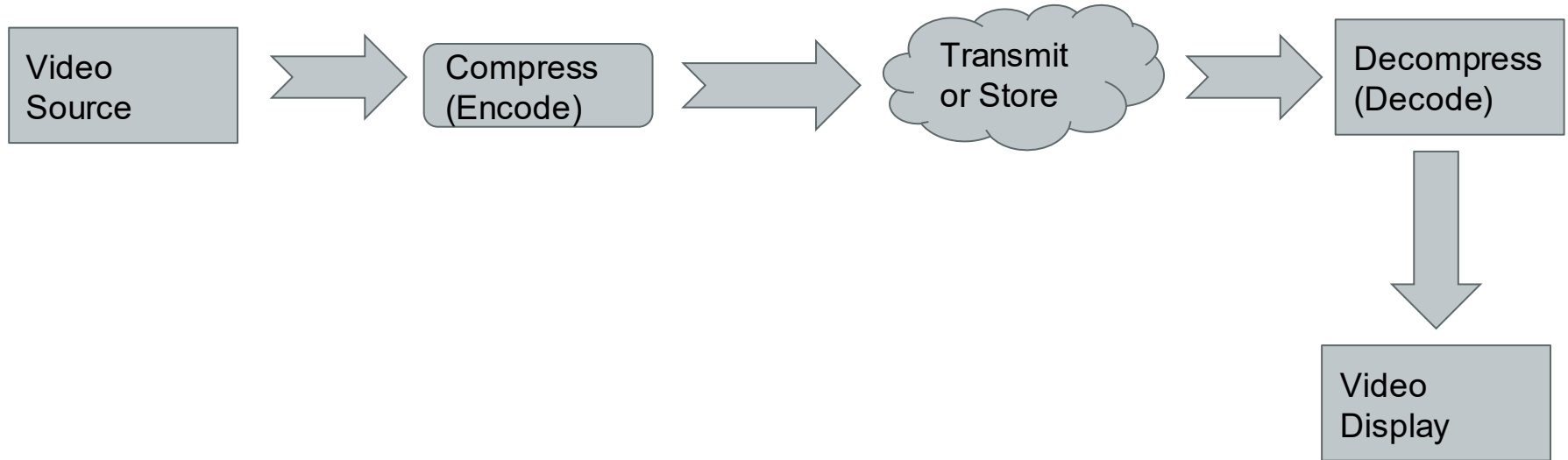


MultiCodecDASH- SDN

Multicodec DASH
Streaming over
Software Defined
Networks

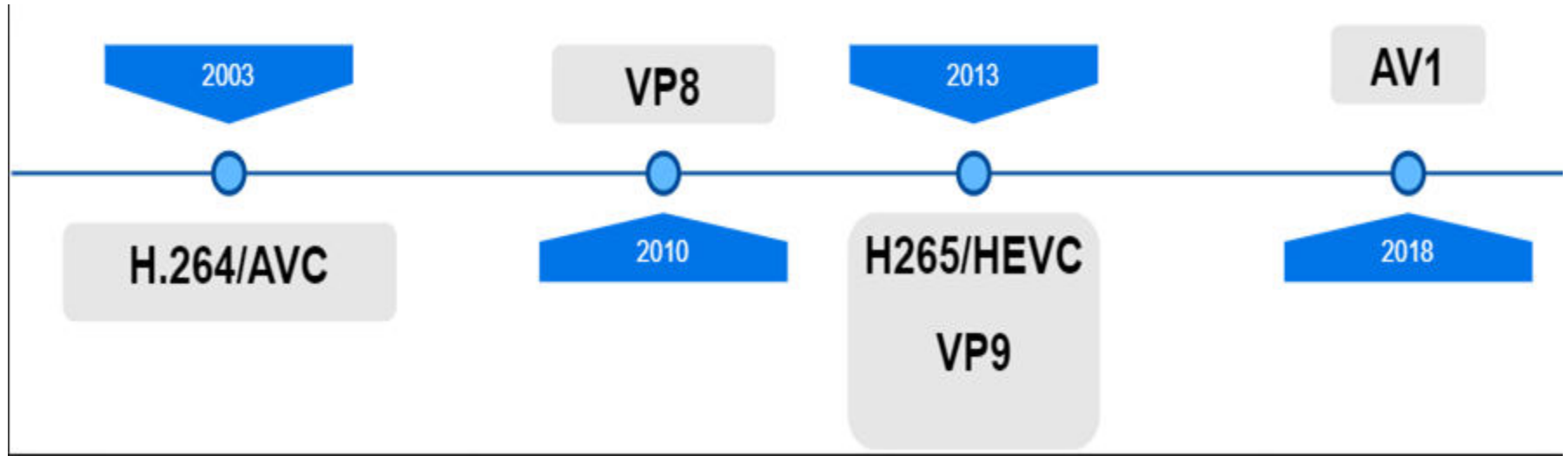
Basic of Encoding and Decoding



CODEC

Encoder + Decoder = CODEC

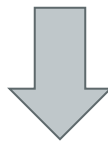
History Of Video Coders



Video Coding keep getting better.

MPEG-2

2



~ 2x better

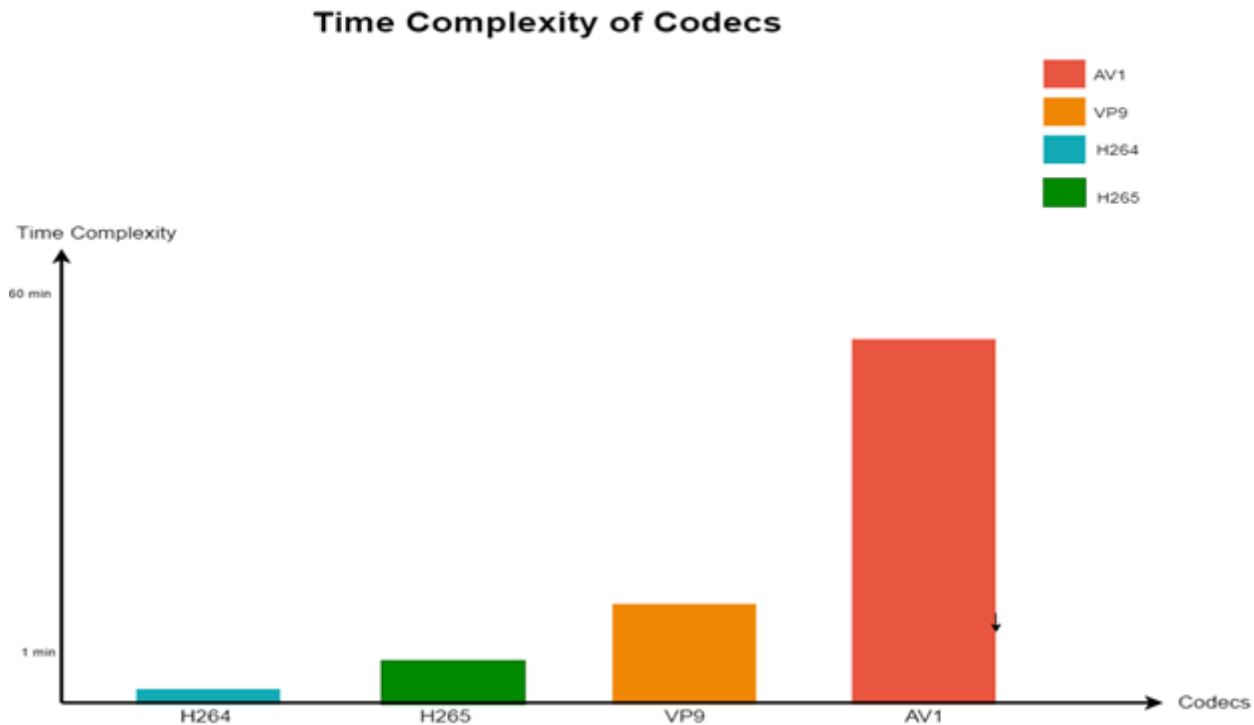
H.264/AVC



~2x better

H.265/HEVC

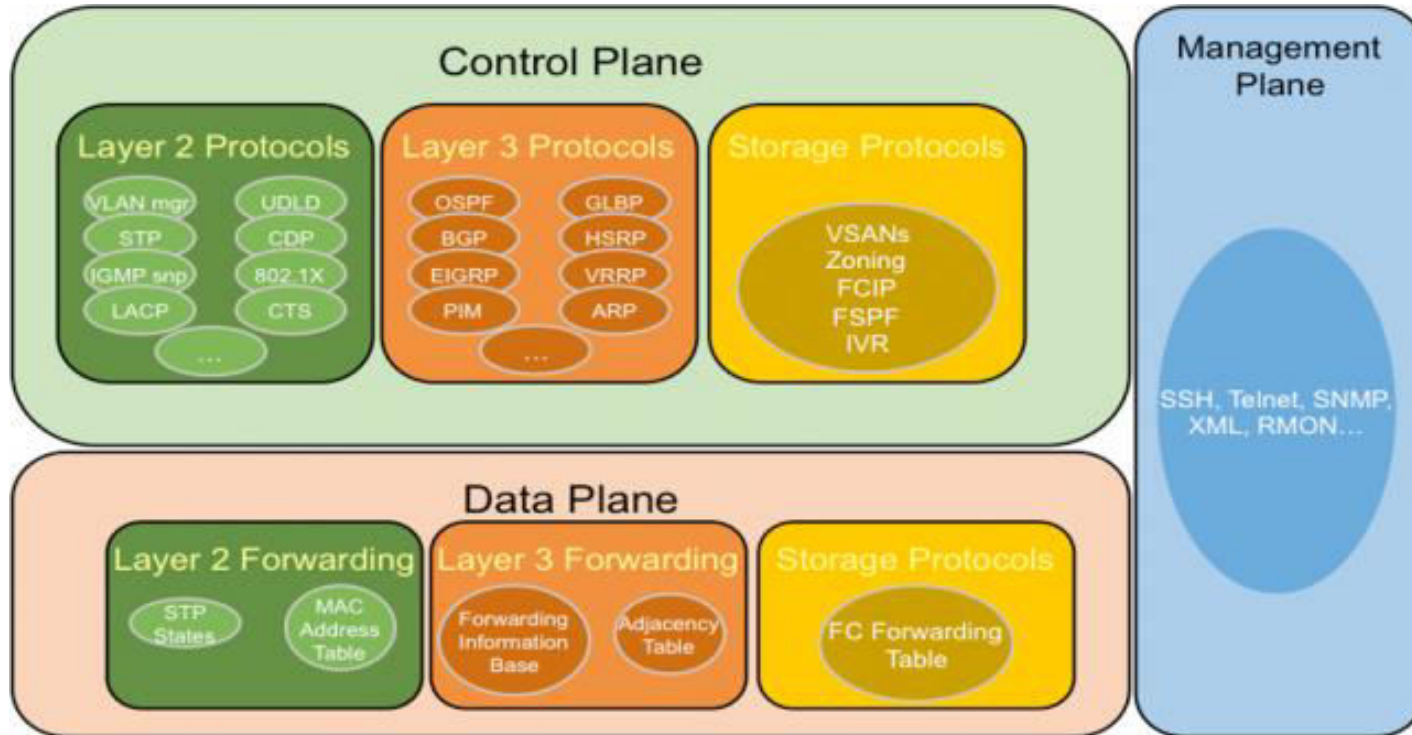
Time Complexity



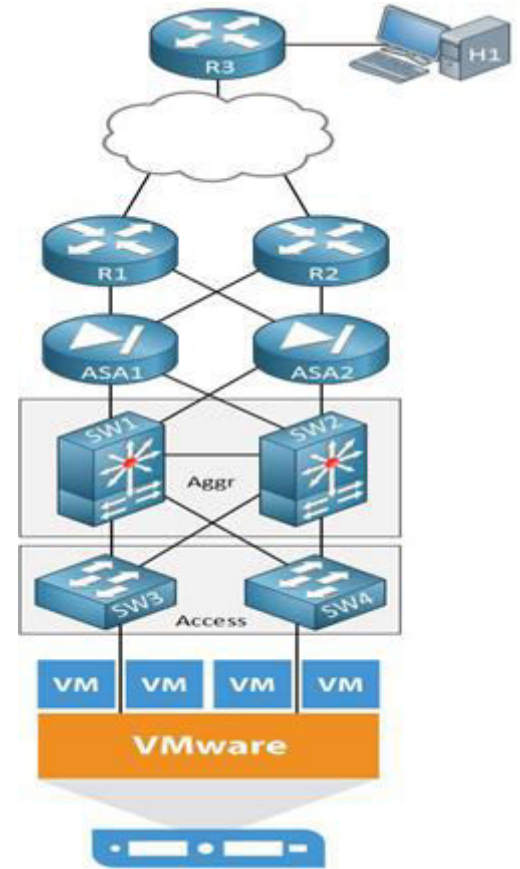
SOFTWARE DEFINED NETWORK



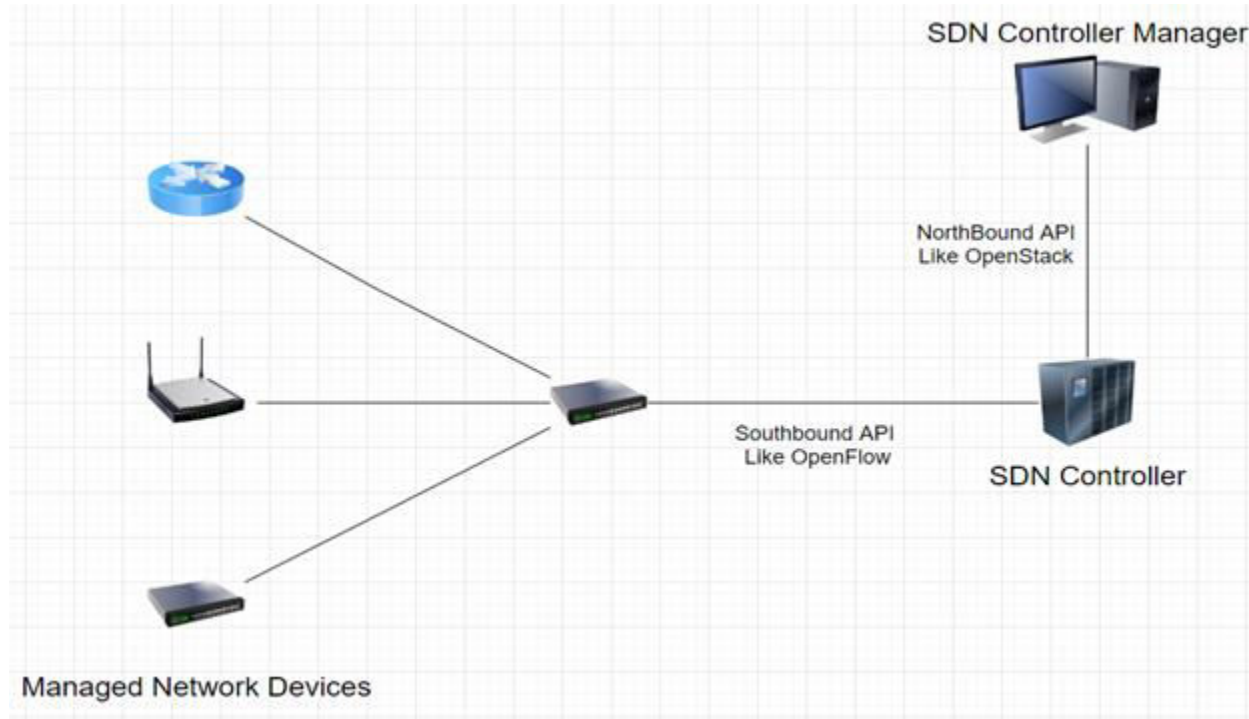
Traditional Networking



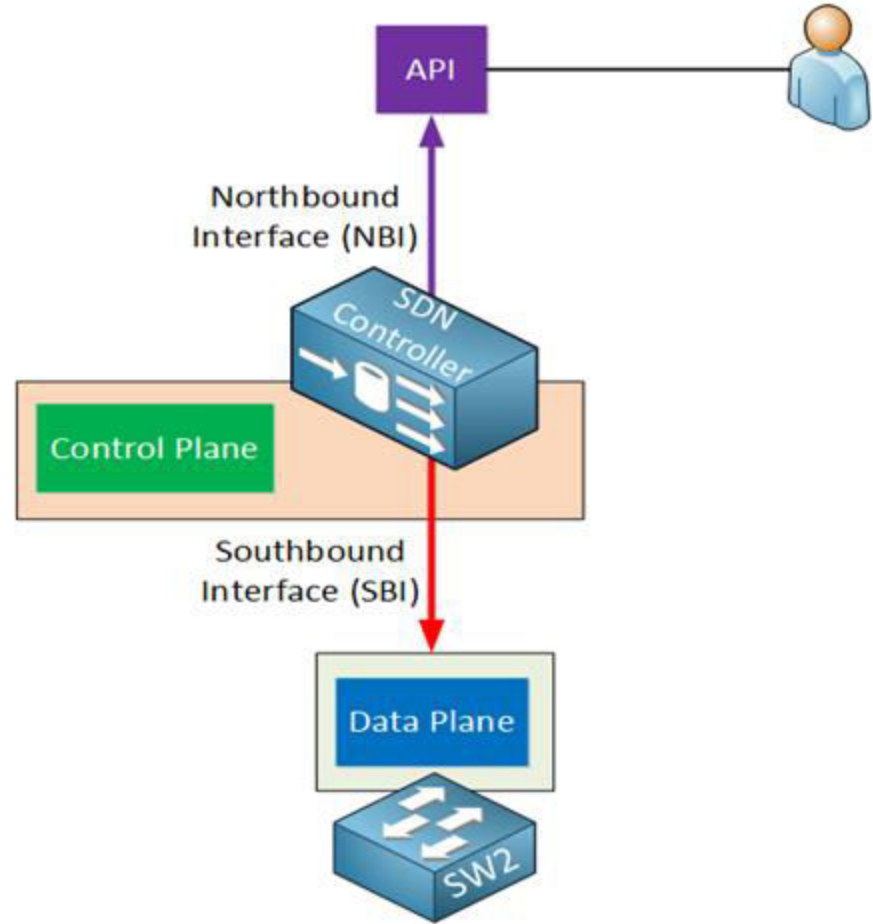
Challenges Of Traditional Networking



Network Controller



NorthBound Interface and SouthBound Interface



Project WorkFlow

	Task Name
1)	Dash.js multi-codec integration
2)	Design study about software defined networks
3)	Multicodec DASH-Software Defined Networks

References

1-) <https://www.vcodex.com/video-coding-history-part-1/>, <https://www.cemaltaner.com.tr/?s=SDN>,