Sensing data **DDN** Controller **Video streaming** Buffering ratio, join time of history video sessions **Internet telephony** RTT, loss rate, jitter of history Skype calls **Application Cloud service** delivery systems Latency of Bing searches, system profiles/workload

Actuation knobs

Video streaming CDN/Bitrate/cache for each video session

Internet telephony
Relay servers/path of
each Skype call

Cloud service

Server, proxy, WAN path for one Bing search