Improvement ratio on each metric JoinTime StartFailRate **BufRatio AvgBitrate** function by GO BufRatio 27% 1.9% 12% 11% 25% **AvgBitrate** 31% 7.6% 17% Utility used JoinTime 23% 25% 10% 15% StartFailRate 6.7% 25% 4.4% 20%