60K images → distill → 10 images + Fixed init → train → 13% accuracy / 94% accuracy

50K images → distill → 100 images + Fixed init → train → 9% accuracy / 54% accuracy

Dataset distillation on MNIST and CIFAR10

73K images / 60K images → distill → 100 images encoding domain difference + Trained for SVHN → train → 52% MNIST accuracy / 85% MNIST accuracy
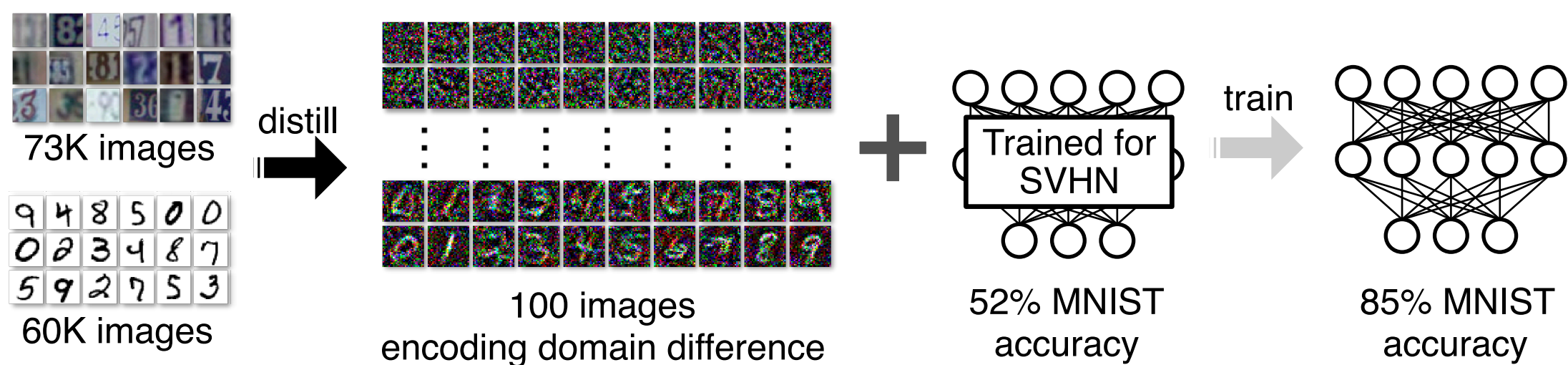
Dataset distillation can quickly fine-tune pre-trained networks on new datasets

50K images → distill → 300 attack images + Trained for CIFAR10 → train → Attacked Model → 82% accuracy on class "plane" / 7% accuracy on class "plane"
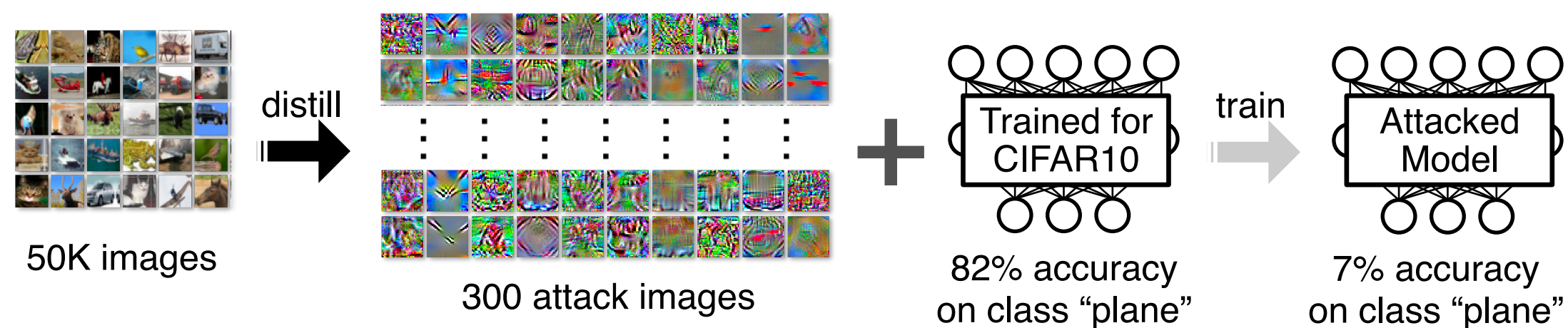
Dataset distillation can maliciously attack classifier networks