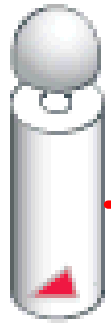
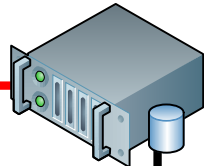


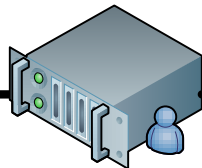
Iowa GNSS Network – East Cluster



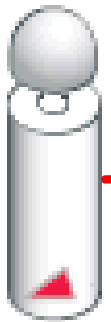
Iowa GNSS Network – East Site Server & Cluster Server



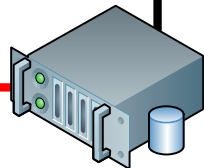
Iowa GNSS Network – Network Server



Iowa GNSS Network – West Cluster



Iowa GNSS Network – West Site Server & Cluster Server



IADOT Network RTK (NTRIP)
Port 10000
RTCM 3.1 – MAX (GNSS) – RTCM3L_MAX
RTCM 3.1 – iMAX (GNSS) – RTCM3_IMAX
RTCM 2.3 – iMAX (GPS) – RTCM2_IMAX
RTCM 3.1 – Nearest (GNSS) – RTCM3_NEAR
RTCM 2.3 – Nearest (GPS) – RTCM2_NEAR

IADOT Single Baseline RTK (NTRIP)
Port 23x00 – District number in place of “x”
RTCM 2.3 - Single (GPS) – RTCM2_IAxx (Site Name)
Example - Port 23100 – Single Baseline for District 1
- RTCM2_IAAM – Single Baseline Correction for Ames
Port 31x0y – District number in place of “x”
-- Manufacturer Designator in place of “y”
Leica “y” - 1
Trimble “y” - 2
Topcon “y” - 3
RTCM 3.1 – Single (GNSS) – RTCM3L_IAxx
Example - Port 31101 – Leica Single Baselines for District 1
- RTCM3L_IAAM – Single Baseline Correction for Ames

IADOT Network RTCM ID
RTCM-ID-xyz
x = District Number
yz = District Facility Number
Example:
Ames – RTCM-ID-105 - District 1 – Site No. 05

Additions upon GNSS adoption by RTCM Committee
RTCM 3.1 – MAX (GNSS) – RTCM3L_MAX
RTCM 3.1 – MAX (GNSS) – RTCM3TR_MAX
RTCM 3.1 – MAX (GNSS) – RTCM3TN_MAX

Additions upon GNSS adoption by RTCM Committee
RTCM 3.1 – iMAX (GNSS) – RTCM3L_IMAX
RTCM 3.1 – iMAX (GNSS) – RTCM3TR_IMAX
RTCM 3.1 – iMAX (GNSS) – RTCM3TN_IMAX

Additions upon GNSS adoption by RTCM Committee
RTCM 3.1 – Nearest (GNSS) – RTCM3L_NEAR
RTCM 3.1 – Nearest (GNSS) – RTCM3TR_NEAR
RTCM 3.1 – Nearest (GNSS) – RTCM3TN_NEAR

IADOT Single Baseline RTK (GPIUD)
GPS only RTCM 2.3 Format
Port 23xyz – RTCM-ID-xyz
Example:
Ames – Port 23105 – District 1 Site No. 05

- when it has to be right

