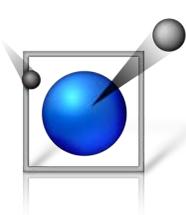


# SCORE – A Save Compare Restore Tool for Snapshotting Machine Settings



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## Abstract

SCORE is an application used to save machine settings, compare live values with save values and restore saved values. Features include sorting by systems and subsystems, highlighting changed values and database storage of the information. The compare feature is useful for diagnosing problems, and the restore feature is useful in recovering good beam tune. Features of the application and performance experience with respect to database retrieval and live comparison will be discussed.

Browse for a snapshot

Pick a defined group

Select a time span to search over

Snapshots are identified by timestamp and user comment – this is easy with use of a database

Setpoint name, saved value and live value

Readback name, saved value and live value

Compare live and saved values

- Live values beyond prescribed tolerance of saved values are **red**
- Filter by System, Subsystem and or signal name
- Create a new snapshot by clicking “Snap n save” – data stored in a database
- Restore selected rows (only the setpoint column values are sent to the machine)

- Good for quick restoration of good tunes
- Useful incremental tuning aid for quickly backing out of unsuccessful directions