

This invention relates to a method of and system for monitoring shaft signals associated with a shaft of a rotating machine. The method comprising receiving voltage signals associated with the shaft; receiving current signals associated with the shaft; determining, from the received voltage and current signals, voltage and current data relating to the machine; presenting at least some of the determined voltage and current data to a user; trending at least the determined voltage data to at least determine voltage data trends associated with the machine; and determining from the voltage and current data if a fault condition has occurred and generating an alarm signal or condition in response thereto.