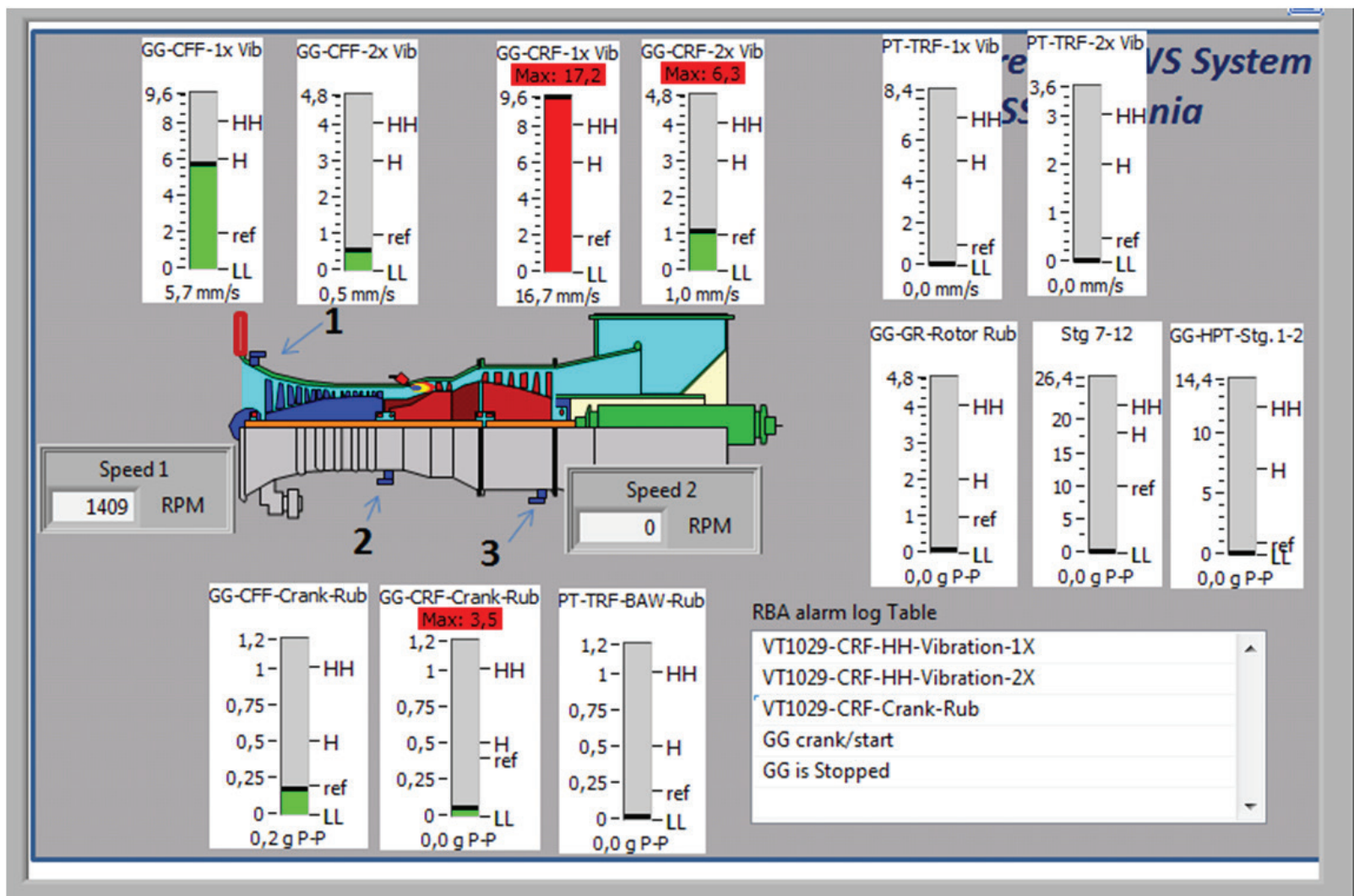
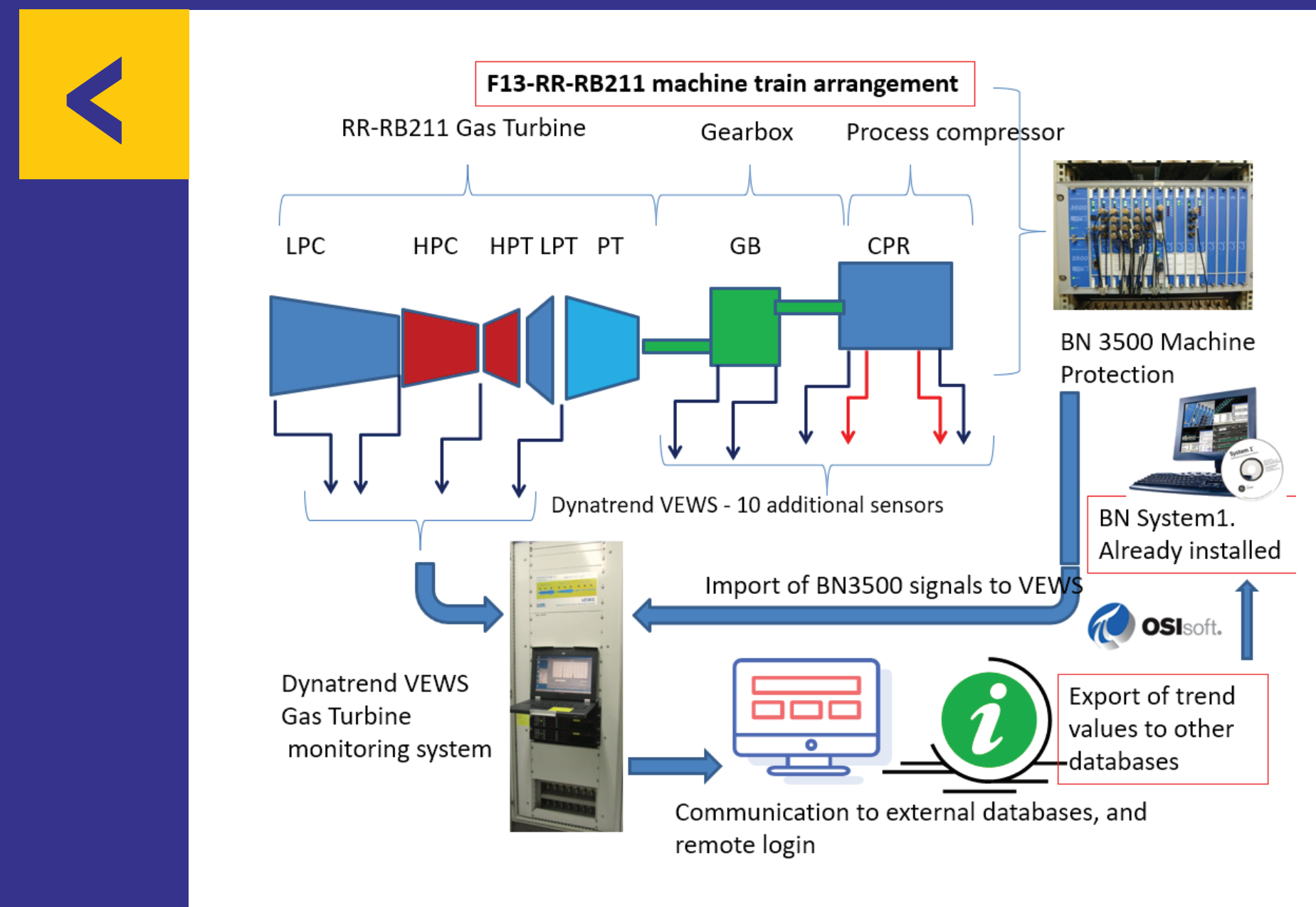




# Typical GE LM 2500 and RR-RB211 application Aero-derivative gas turbine packages

## Basic interfaces:

- Dedicated sensors
- Reads all existing sensors
- Trend export via OPC to other data platforms
- Builds on to BN System1 and other monitoring systems.
- Enhances capabilities in existing monitoring systems
- Visualizing parameters in existing systems



## Benefits:

- Early warning of anomaly precursors
- Instant- auto diagnostics of normally hidden information
- Pro active clearance preservation
- Auto generated parameters for reporting

Machine ID	Alarm Type	ID	Alarm level	Max value	Speed	Time MAX	Range	Start time	Stop time	Message	Exceeding HH %
8500	Speed	Speed						08:53:13	10:02:47	Turbine stops	
8500	Speed	Speed						10:02:53	10:06:41	Turbine crank	
8500	Alert-H	Acc#2-2X-GG-LH	1	1,6	488	10:06:39	1	10:06:38	10:06:39	GG 2X vib-range-400-9250 rpm	
8500	Speed	Speed						10:06:41	10:06:41	Turbine stops	
8500	Alert-H	OH- Stall indication	0,4	0,7	5789	10:08:58	1	10:08:56	10:09:00	OH Stall Precursor	74 %
8500	Alert-H	Acc#2-stg.5-11 OV	1,5	1,6	6441	10:09:12	2	10:09:12	10:09:13	Stg 5-11 Overall-range-4500-6750 rpm	
8500	Danger-HH	Acc#2-stg.5-11 OV	2	2,1	6544	10:09:15	2	10:09:15	10:09:16	Stg 5-11-range-4500-6750 rpm	4 %
8500	Danger-HH	Acc#2-HPT stg1-Rub	1,5	1,9	6541	10:09:28	2	10:09:27	10:09:30	HPT-1-range-4500-6750 rpm	27 %
6008	Danger-HH	Acc#2-HPT stg1-Rub	1,5	1,5	6562	10:09:33	2	10:09:32	10:09:33	HPT-1-range-4500-6750 rpm	3 %
6008	Alert-H	Acc#2-stg.1-4 OV	1,5	2,0	6573	10:09:34	2	10:09:33	10:09:38	Stg 1-4 Overall-range-4500-6750 rpm	

- Auto-generated reports gives instant and precise information.
- Monthly reports are supplied for total summary.
- Soft machine protection can navigate the unit away from rub damages or dangerous resonances without stopping the units.

## Return of investment:

- Freeing internal resources for CBM planning
- Creating a firm diagnostic basis for CBM utilization.
- Limits efficiency degradation and emission release.
- Lifts reliability figures.