

The Detail

Industrial gases and chemicals are critical materials used in the semiconductor manufacturing process and a significant proportion of the cost of an integrated circuit. Consequently fab managers are concerned with being able to monitor the use of these materials to ensure that they are used as economically as possible and also to be able to apportion use by tool and therefore by product. One key report they require (at least monthly but preferably more frequently) is a Tool Consumption Report that shows the use of each gas by tool and/or tool group.

Using their legacy IT our customer is able to produce this report although to do so is very time consuming, taking a supervisor in excess of 7 hours to produce one report

One feature of fab|Smart® (our total gas and chemicals management system) specifically developed for the global semiconductor manufacturing industry, is the ability to generate tool gas consumption reports for any period and for these reports to be scheduled to run automatically and to be distributed to a list of approved recipients.

So now instead of an on-site supervisor having to spend at least 7 hours every month compiling this report these can now be generated and sent automatically to the fab managers thus freeing up the supervisor to perform value added tasks that improve both the productivity and the quality of the TCGM service provided.



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