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Date 1 1 Page		C- Lisamingles Apate 1 2 Page 2
Process industry in general and oil and gos in particular put special Requirement on feild devices. Device nave to operate under harsh condition, dirt, often high temperatures and sometimes in explasion prone environment. It is challange to develop a feild device that not only is easy to install and maintain, have long enough life. I morden process control system often have facility to pass HAPT commands through Ilo modules so that instrument configuration can be modified at the host system level.	CS:	
completion complexity one increasing and field experts are become searces, automation offers many benifits. Beside capturing domains knowledge, > All components of the system under Study must be integrated such that information can be keliably	No SHEN	Un conventional Resource Challange the oil industry. Exploration and development of oil and gas Reservaiors Require new sensors analytics and Process system Require Better connectivity. monitoring and control.

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	Explain Trust, Security, Privacy for Int	gathered. This is especially critical for Real time analytics that
_	on following	and production optimization
	Identity - Toust is always tied on an identity. So every device needs unique identity that can't be changed	Some of small AC motors on an oil rig are Highly critical with Respect to regularity some are critical with Respect to Safery if for instance placed in
	linked service have possitive intension	copiusion rough come,
*	Predictability & Transferency: The functional scope of the service Provided device is known it full extent. Trust to Tot:- Tot tours many pifferent sectors and applications Ronging from	Larger machines are normally always monitored but for these Smourer AC motors there prevaling maintences strettegy was "Run -to = failure" due to their high numbers of up to 1000 units per offshore instantation and the cost associate with monitoring them.
i	onnected cars to smart house and intelligent infrustructe. This Diversity has spawned an ecosystem hat consumer need to bust	Searces automatica essenting benefits. Beside caphaing domain
	O keep their data protected.	that information can be settably that information can be settably

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