Improving Productivity
The Wanganui Maintenance Alliance

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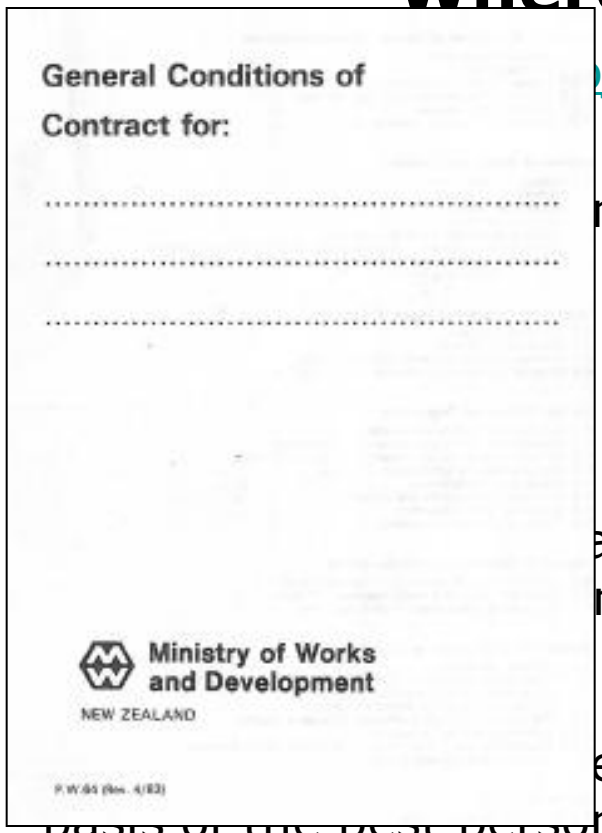
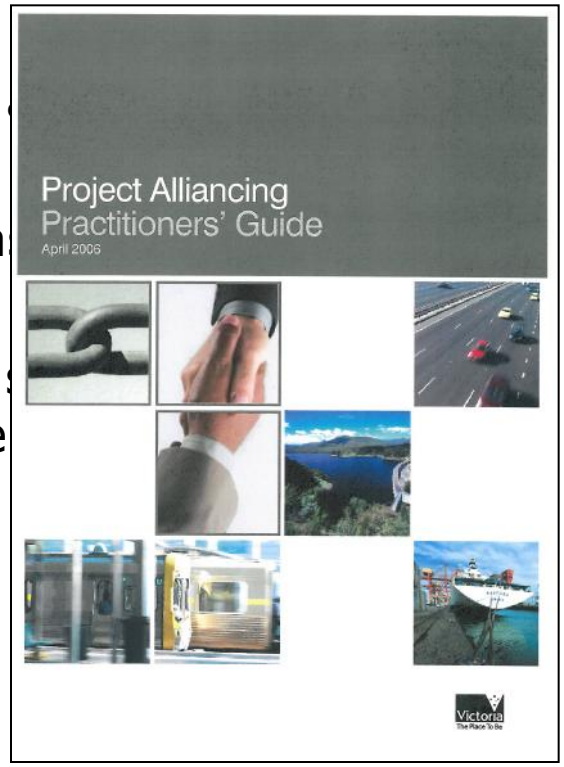
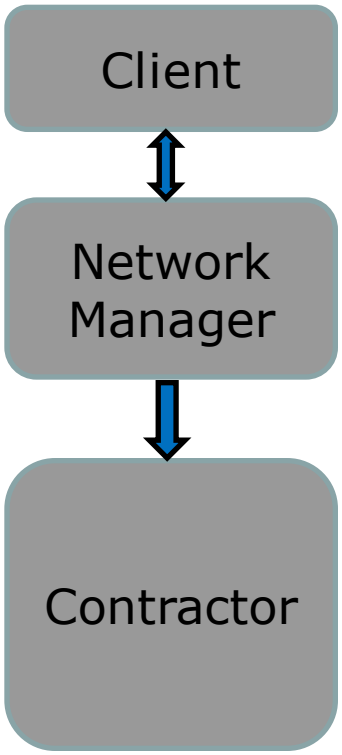
Presentation to Roading New Zealand Conference 2010

Where we were back in the 80's.....
Where we are heading to now.....



- ojectalliancing
  - Engineer was
- management of all
  - Contractor wa
- no dispute between
  - Conflict and ri
    in the end the
- asset management
  n making on all
- eam selected on the
  basis of the best person for each position.



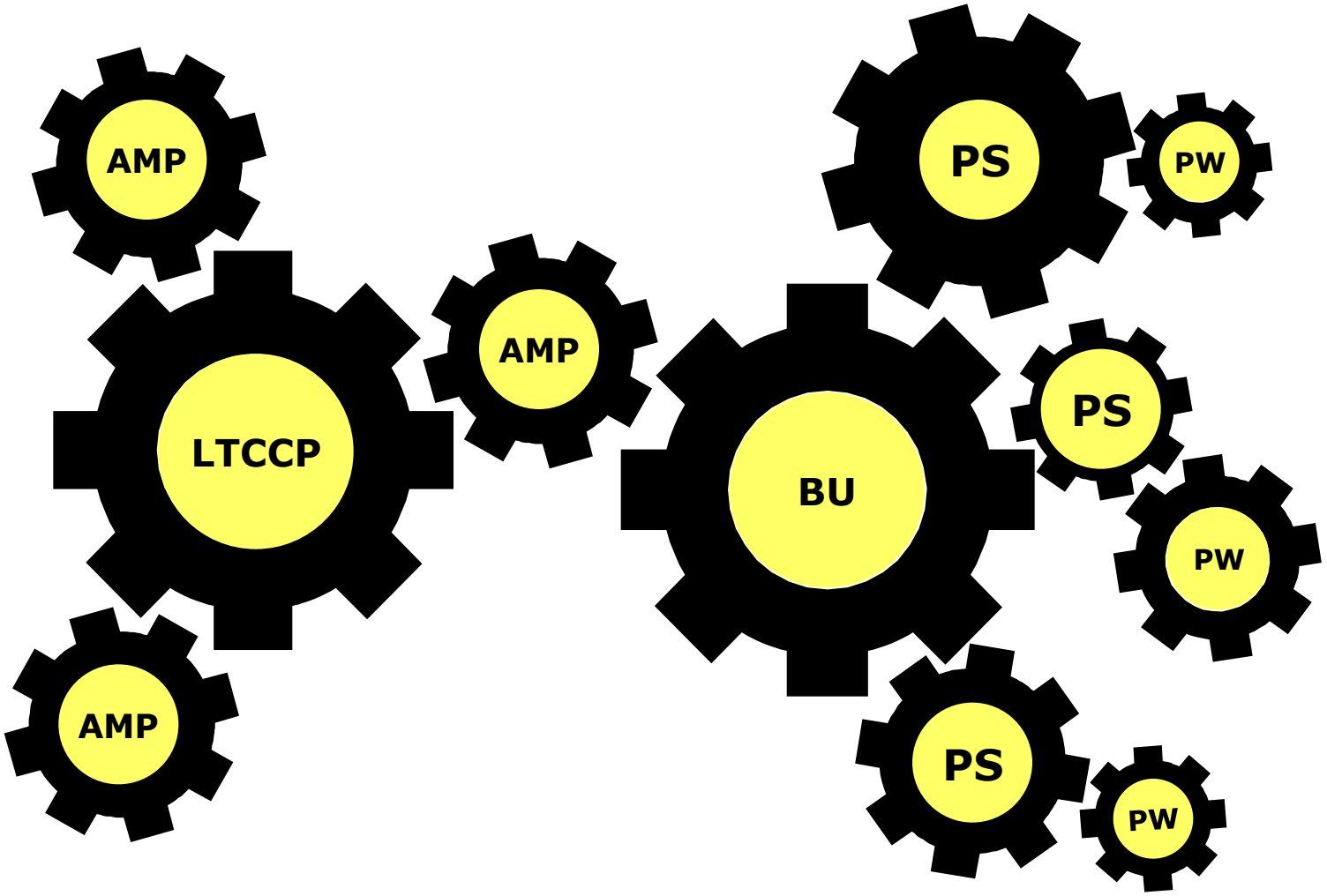


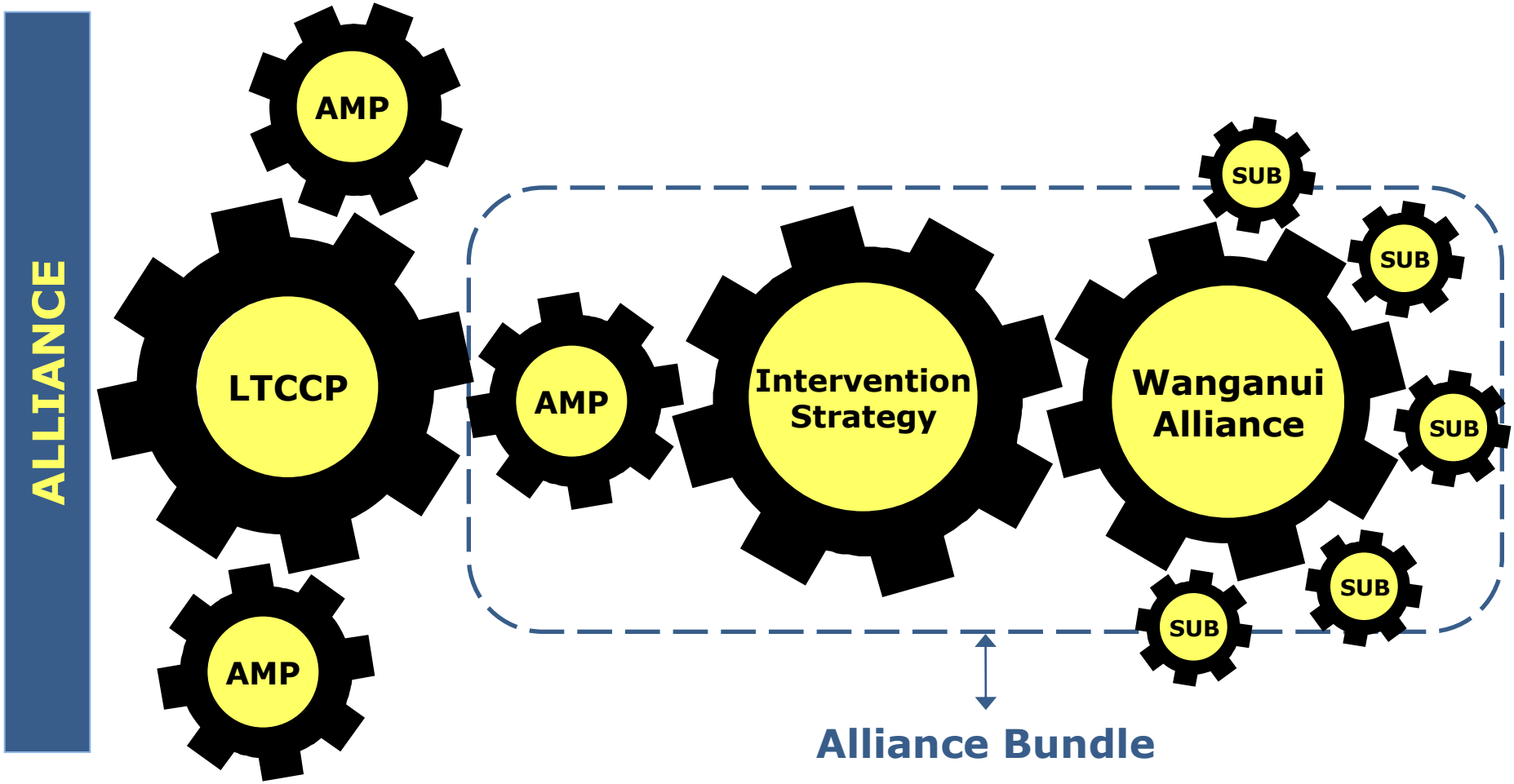
Traditional mode

Alliance mode

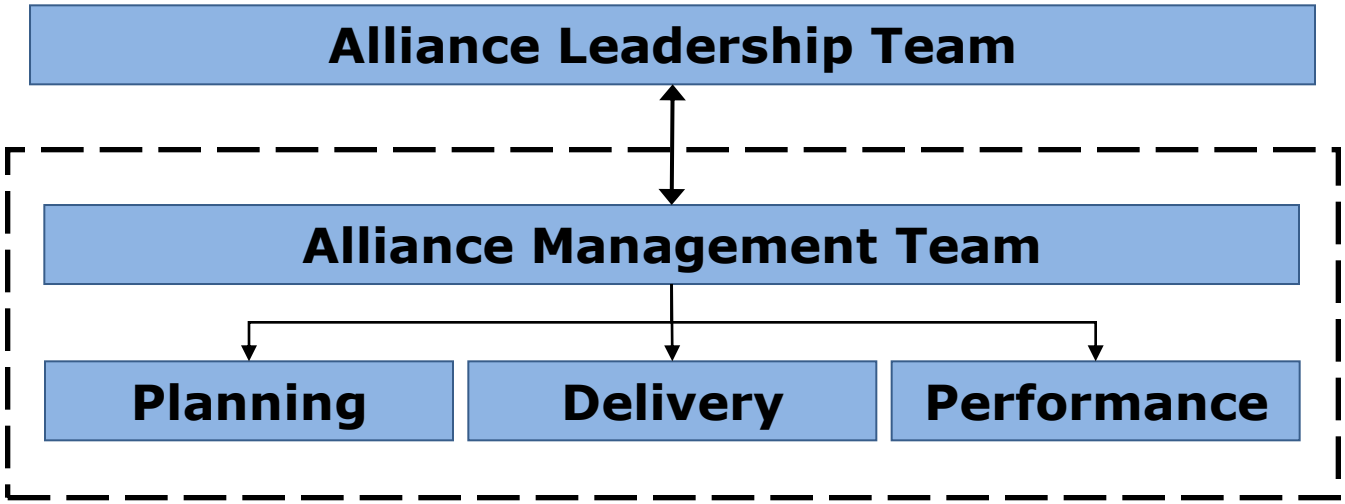
- Removes Duplication
- Reduces Overheads
- Improves Efficiencies
  - Management
  - Operational
  - Response (Time)
- Transparency of Costs
- Performance Focused

TRADITIONAL




ALLIANCE
AMP
LTCCP
AMP
AMP
Intervention Strategy
Wanganui Alliance
SUB
SUB
SUB
SUB
SUB
Alliance Bundle

Areas of Delivery



Has it made a difference?

	2007/2008 Traditional	Now Single Team
Customer Request Closures	7 days (avg)	< 2 days
Network Management Costs	$2.2 M/Yr	$1.2 M/Yr
Operational Cost on delivery	0%	-10%/Yr
Pre-reseal repairs completed the preceding season	10%	70%
Routine Maintenance – Programmed vs. Reactive Work	40% programmed	90% programmed
Engineers time spent doing administration (CM, Eng Rep)	40-50%	<10%
Penetration of Asset Management Plans (lowest management level)	Engineers Rep (NMC)	Foreman

Thank you and look forward in answering any questions.