










PROGRAMMES AT A GLANCE:
MAY 2012









- **28 Updates**














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Country	Programme Name	Schedule	Contractor Team	Recent Procurement Activity	Notes
Australia  	Land 125 Phase 3	Phase 2 completed. Phase 3 being acquired; 3A C4I, 3B Soldier Combat Ensemble and 3B is Enhanced Austeyr and STA	Includes Elbit Systems, Harris, Thales & Selex	Selected Elbit for Dismounted BMS in 2010. Thales and Manlicher signed co-operation agreement in January 2012 on F88 for 3C	Diggerworks formally opened in August 2011. Phase 3C valued at A\$448.6 million. 7.62mm Minimi and H&K 417 Marksman rifle fielded in Afghanistan
Australia  	Land 125 Phase 4 (Army High Priority Capability Gaps - Next Soldier Enhancement)	To be managed by Diggerworks. Equipping the soldier after 2020 with a fully integrated, open architecture soldier system. Programme likely to be renamed. At Project Definition, pre-First Pass stage. First Pass not expected before late 2013	TBC	All personnel in Land 125-4 will already have L53-1BR - Night Fighting Equipment technology re-fresh L125-3B – Survivability – the Soldier Combat Ensemble (Protection, Platform, Pouches, Packs) L125-3C – Enhanced F88 with ‘open architecture’ Army Minors, Force Protection Review, Sustainment – F88SA2 and 3, 7.62mm MG, 7.62mm Marksman Rifle	Strategy has not been fully scoped. Cost estimated at A\$500m-\$1500m although expected to be towards the lower end
Austria 	Soldat der Zukunft	Concept Phase concludes 2011. Acquisition postponed to now begin from 2015	To be awarded	Modified Steyr AUG / StG 77 assault rifle and new uniform mandated items	Harmonised with EDA. New national security strategy published 1 March, restates neutrality, reduces active security co-operation with EU & NATO. Referendum on conscription
Austria 	Soldat 2015	Near term procurement of radios, hearing protection and head subsystem	To be awarded	Madritsch delivered first batch of its AG77 A1/ML40 UGL	RFP for Personal Radio requirement submissions in November
Belgium  	Belgian Soldier Transformation (BEST)	R&D and market studies	Decision on joining VOSS in 2011 for Smart Vest	Belgium deploys 600 troops in Afghanistan	Belgium, Luxembourg and Netherlands signed MoU on wide ranging Defence Co-operation on April 18th
Brazil 	Combatente Brasileiro (COBRA)	2007 Army General Staff endorsement. R&D and testing and evaluation phase until 2013 linked to AFV work	To be awarded	Acquired FELIN equipment from DGA in 2009. \$14m award for Harris Falcon II&III radios in RF-7800V in Feb. 2011	Two versions planned: Amazon and Regular. Proposed comms solution tested in Haiti

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Canada  	Integrated Soldier System Project (ISSP)	<p>RFP in Feb 2012 Bid Eval. 2nd half 2012 inc. at 14 week UAPE for up to 12 systems</p> <p>Contract Award for Definition 1st half 2013</p> <p>Initial Operational Capability from Dec 2014</p>	To be awarded	RFP issued in February 2012. Winner will receive two contracts; a four year contract to qualify and deliver 1600 systems and ILS with options for 5024 ISS-suites second contract is for Optimized Weapon System Support Contract for an initial five years plus two three year option	Responses to RFP in April 18
Croatia 	'Future Soldier'	EDA/LCG/1 participation only on C4I	Procurement for Afghanistan deployment inc. Motorola GP300, Kroko ballistic vest, Sestan Busch helmet	New uniform and load carriage procured. First 1000 VHS 5.56mm assault rifle delivered	New sniper rifles demo-ed: Berta Projekt BP 08 M in .338 Lapua and .300 Win Mag and Agencija Alan's MACS M4 12.7mm
Czech Republic  	Voják 21 'V21' or Soldier 21	V21 2004-6 single Demonstrator. Squad level 'Sesedak' experimentation in 2007-9	VOP-026 led V21 and 'Sesedak'	New Ceska Zbrojovka assault rifle postponed in 2011 due to funding	FN Herstal Minimi selected as new standard LMG to replace Vz.59 LMG over 300 to be acquired
Denmark 	'Danish Army Network Enabled Soldier' (DANES)	Work on integrated SMP ended 2005 in favour of incremental acquisition. May procure systems from 2015-20. Incremental procurement in meantime for Afghanistan. Move to acquire dismounted BMS 2009-14	As equipment	Recent funding of Aimpoint laser light module, ballistic eye protection, first aid kit, combat vest and Personal Role Radio	Mortar sections using 60mm Hirtenberger mortars in Af. issued two Soltam M/10 120mm mortars in Feb. Reducing deployment from 750 to 650 by 2012
Finland  	Finnish Warrior	Technology Programme 2010 (TP2010) until 2014. Fielding from 2017	TP2010 includes Savox as integrator and Millog, Nethawk and Insta	Project Helmet System 2020 completes 2012. Modular integrated comms, hearing and head protection and 60 degree FoV NVG	Planned cuts will see national procurement cut by 30 percent and reserves cut from 350,000 to 230,000

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France  	FELIN (Fantassin à Equipements et Liaisons Intégrés)	Series delivery begins 2010 1st Bat. fully equipped Summer 2010. Total of 22,588 equipment sets ordered est. \$1billion	Sagem	FELIN equips 1st Infantry Regiment. Started equipping 13th Mtn. Inf. Battalion in Jan. tasked with developing new FELIN doctrine, 16th Bataillon de Chasseurs armored infantry unit equipping as will two more units in 2011	1st Infantry Regiment Deployed to Afghanistan in Dec 2011. 4000 systems delivered in 2011. Company level trials of FELIN with 8e RPIMa in Feb. in UK with elements of 16 Air Assault Brigade at Otterburn training area in Exercise 'Boar's Head' FAMAS due to be replaced in 2015. New personal radio planned in 2018 via France Contact SDR programme
France 	FELIN V.2	Technology Roadmap/ Concept phase	Sagem	Additional Integrated Red and Blue Force Tracking, UGVs, fuel cells and FAMAS replacement	Probable Point at which FELIN integrated into Scorpion. Initial upgrade for FELIN is planned for 2015 followed by a significant boost in 2020
Germany 	IdZ-BS/1	April 2010, Germany's (BWB) signed a contract with EADS Defence & Security for a further 220 units of the IdZ BS	Cassidian	BWB awards contract in March for 400 IdZ BS kits for use by Bundeswehr forces in ISAF	Total number of IdZ-BS equipment at 2,900. Basis for Warrior 21 C4I
Germany 	IdZ-2/ES	Risk reduction 2006-8. Pre Series contract 2009. 2011 trials and contract late 2011/ early 2012 for 40 systems	Rheinmetall	Ten pre-series production systems delivered I for final acceptance trials in June. Testing begins in July concluding in January, report in March. A contract may be awarded in Jan., delivery in early 2013 fielding late 2013	Total requirement for 9040 systems
Greece 	'Future Soldier System'	Studies linked to EDA	To be awarded	50 Theon Sensors NX-122A NVG in 2009	Programme postponed indefinitely
Hungary 	'Future Soldier System'	Joined EDA work in 2007	To be awarded	Selected BMS in 2009	Programme postponed indefinitely
India  	F-INSAS (Futuristic Infantry Soldier As a System)	Phase 1 2012 weapons, body armour, clothing and individual equipment Phase 2 ISTAR 2015. Phase 3 C4I 2020	BEL expected to be prime	New body armour and helmets at RFP stage in 2012	Phase 1 and 2 has had their acceptance of need signed off

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 Israel	Israeli Advanced Soldier	Several Battalions now equipped	Elbit Systems prime contractor	PNR-1000 expected to be added to the system	Integral part of Digital Army Programme
 Italy 	Soldato Futuro	Testing at Forza NEC. 84 Development Phase Kits delivered 8 new configuration, precursor systems delivered in early 2012. CDR in 2012 before order for 558 op. experimentation kits	Selex Communications, Larimart, SELEX Galileo, Beretta & AeroSekur	Systems to equip two regiments from "Pinerolo" Brigade in 2012-14 with 1,025 systems	Awaiting decision on AN/PVS-21 versus TM-NVG (Tactical Mobility – Night Vision Goggle) to replace the Nimos night mobility system
 Japan 	Advanced Combat Infantry Equipment System (ACIES)	Evaluation 2005-8. Delivery of first system in 2012	Hitachi prime; HMD by Shimadzu, NEC IR camera and Brentronics power solution	Type 89 5.56mm assault rifle modified for accessories for deployments to Iraq	Selected Brentronics 10.8V SMP battery
 Jordan 	'Future Soldier System'	Completed Phase I studies. Entered Phase II	Led by Army and KADDB. Selex and Sagem amongst international partners	Selecting which items can be developed produced locally or sourced internationally	FMS case for new C4I system using C2PC family including dismounted element expected to conclude in 2012
 South Korea 	'Future Soldier'	Concept and development phase. Acquisition from 2016 to field in 2020	ADD leading Applied Research Phase; June 2009-Dec. 2011. Now concept phase until 2013 at earliest conclusion led by Samsung Thales	K11 airburst grenade equipped rifle acquired	International R&D co-operation sought in Energy Supply, Sensor Fusion and Virtual Simulation



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Malaysia  	Soldier Advanced Kombat Technology Integrated (SAKTI)	Study phase unfunded programme. May be included in Network Centric Operations Phase 1B in next Five Year Plan	Sapura has made proposal. Army working closely with MOD's STRIDE (Science, Technology, Research in Defence)	Army showed a Thales C4I package including St@rmille radio and NORMANS	SAKTI – section exercise in November as part of a wider exercise. Working to build experimental platoon in late 2012. New camouflage
Netherlands  	VOSS (Improved Operational Soldier System)	Pre-Study Phase completed late 2010. Study Phase passed in 2011 RFP for Smart Vest in Dec. 2011. Contract is scheduled in the beginning of 2013	Smart Vest, power Supply, Load Carriage and Protection	E-Lighter prototypes testing in 2012. Smartvest pre serial production and evaluation in 2013-2014, serial production and implementation in 2014-2017	MoU signed in April between Netherlands, Belgium and Luxembourg
Netherlands 	VOSS 2	Scoping Requirements	Includes enhancement for SF requirements	C7/C8 Assault rifles replaced from 2015	Joined EDA WOLF urban radio work
Norway  	NORMANS (Norwegian Modular Arctic Network Soldier)	Successful C4I trials in Oct. 2008. Further small scale de-risking trials in 2010. Contract Award to Thales announced Oct 2011	Thales, Teleplan and Kongsberg	FN Minimi selected in November. All 1900 weapons delivered by 2012. 15 year support	Est requirement for 3000+ systems in three batches. Pre-production contract for NKR23m awarded in December
New Zealand  	'Future Soldier'	Incremental acquisition in similar areas to Land 125 Phase 2B	To be awarded	Recent SA procurements include MINI N/SEA NVG, PEQ-15 NAD, CNVD-T2 Thermal Sight and PVS II Sight	Added Network Enabled Army to Defence Capability plan in 2011
Pakistan  	Concept phase	To be awarded	To be awarded but inc. POF on lethality	Prioritising NV and lethality in near term. Acquired Aselsan Python and Boa TI sights	Pakistan Army trialed 40 of Aselsan's PRC-5070 PRRs this Summer. Military wanted anti-jam capability
Philippines 	'Future Soldier'	Procurement under AFP Modernization Law and Battalion of Excellence programme	Various suppliers. Recently procured new GPS, Comms, EOD Bomb Suits, AFVs and LMGs	Process of procuring Night Vision monocular, Infra-red Aiming Devices, Laser Zeroing Device on one per soldier in rifle platoons and Light AT Weapons	In January 2011, Army, five year plan prioritised acquires 110 infantry fighting vehicles; 4,464 night-vision systems; 8,103 assault and rifles; 8,103 units of force protection equipment; grenade launchers and additional trucks and radios

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Poland  	Tytan/Polish Individual Battlesystem	Three-phase R&D stage begin 2011. Operational and technical requirements completed in Spring, 50 prototype systems to be acquired in 2016 and 800 production set in 2018	Led by Bumar Group includes FB Lucznik, PCO, PSO Maskpol, Radmor, CNPEP Radwar, OBRSM Tarnow, WB Electronics and ZM Tarnow	Will use R35010 personal radio and MSBS-5.56 weapons family	\$13.2m award for 33,333 helmets 2011-18 from Maskpol in April. BMS for EU Weimar BG to be used in Tytan
Portugal  	Soldado do Futuro	Experimentation from 2008. Next phase post 2012	To be awarded	EID developing new 'PRR' with 1.5-3km range based on TWH-101	Evaluated Tekever's WAC-S5 Wireless Adaptive Soldier Module and TWH-101 Tactical Wireless Headset
Romania 	Romanian Individual Fighting System (RIFS)	Initial trial with demonstrator	To be awarded	60 MaxxPro Dash MRAPs for Afghanistan	Harmonised with EDA CEDS. Using the Quandtum3D Expedition DI systems with VBS2
Russia  	'Future Soldier System'/'Warrior'/'Strelets'	Def. Min. announced in Feb. talks to acquire several FELIN sets. Also visited Italy regarding Soldato Futuro in 2012	TBC	7.62-mm Steyr-Mannlicher SSG-69 acquired in late 2011. Testing of C41 elements with 5th Special Infantry Brigade reported in early 2012	First Deputy Defense Ministry Vladimir Popovkin indicated Russian system to be ready by 2020. Testing Alyuteks aramid fiber from Kirasa Company. Total system weighs 20kg. Potential in-service of 2013
Serbia  	Vojnik Budocnosti-10 (Future Soldier-10)/ M21	Study Phase	Yugoimport SPDR product/ Serbian MoD	M21BS-v10 5.56mm& M77 7.62mm weapons, new PBB VB-10 body armour and uniform	VB10's 2011 focus on testing intercommunication with an indigenous 'PRR'. Working with Teleoptic on electro-optic sights
Singapore  	Advanced Combat Man System (ACMS)	ACMS delivered to 5th battalion in 2009, now three battalions equipped	ST Engineering, ST Electronics, ST Kinetics and DSTA	Joint fielding to 2nd Battalion of ACMS with Terrex IFV in 2011	ST Electronics outlined the developmental road map for three variants; Commander, Lite and Fighting in February

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Spain  	Combatiente Futuro (ComFut)	Design and Development Phase concluded November 2010 No current plans for Production Phase. New strategy co-funding the Maturation Phase with Cassidian	Cassidian prime contractor plus Indra Sistemas, Iturri, Amopack SL, Fedur and GMV	Two phases in new strategy first began in November 2011 producing 18 ComFut V.2 prototypes in late 2012, 2nd phase focusing on lethality and survivability. Final ComFut V.3, expected by end of 2013 which is an operational prototype ready for pre-serial production	Operational trials of prototypes started at the end of September 2011 and May 2012
Slovakia 	Prokročily Individualny Bojovny System (PIBS)	Last ten man squad trials in 2009. Funding halted after Concept Development and Experimentation Phase. Original plan was to equip brigade from 2012	Magic Corporation plus Cassidian, Thales and H&K for trials using 'IdZ-1/BS' equipment	Fielded new load carriage systems and personal protection including Helmet	New assault rifle from 2017
Slovenia 	21st Century Warrior or Slovenian Warrior	Pre-study phase 1998, Study phase 1999-2005 procurement from 2002	Various suppliers	Not Participating in EDA work	New load carriage and camouflage fielded 2011
South Africa  	African Warrior	Requirement Operational Capability was approved in 1999 Functional User Requirement Statement and the Logistic User Requirement in 2003 Project Study Report and the Customer Selection 2004. Now phased procurement	To be awarded	Recent acquisition in night vision, communications and navigation	Defence budget increased by 10 percent for 2012-13
Sri Lanka 	Special Infantry Operations Team (SIOT)	Continuation of counter-LTTE strategy	Various suppliers	Requirement for additional NV sights and navigation equipment per Team and two new under barrel GLs per team	The SIOT were developed as a concept by the infantry to fight and defeat the LTTE in sub conventional, guerrilla and counter insurgency warfare

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Switzerland 	IMESS (Integriertes Modulares Einsatzsystem Schweizer Soldat)	Sept-Oct 2008: Field trials Since Nov 2008. Planning of maturation phase Spring 2011. Field trials 2011 and qualification acquisition of a further 100 system. 2015/16 – first series production	Cassidian & Sagem selected as prime contractor November 2007 Other partners are Kongsberg, SSZ, Ascom, Mowag and Phonak	SwFr.20m award in March for advanced production engineering upgrading existing systems to production standard and adding more systems	Beginning long term test phase with 43 infantry systems and 9 vehicle integration kits. Kongsberg developed SR600 to add simultaneous four squad, a platoon and a company voice networks
Sweden 	MARKUS Markstridsutrustad Soldat (Swedish Project for Development and Acquisition of Equipment for Foot Soldiers)	Plans finalised in 2010. Integrated Capability for MARKUS V1 from 2014. New small arms family from 2017	To be awarded	Dec. 2010 award I2 Monocular NV Devices from Theon Sensors. Competition for 10,000 CBRNE suits began April	RFIs submitted in Sept for Sweden's IGR programme, replacing/ supplementing IGR 1 the PRR, Motorola LMR and IGR 2 Harris 7800 SPR. The IGR comprises 17,000 group radios and 8,000 platoon radios
Thailand 	SFT 21	Concept phase	To be awarded	Acquired Tavor in 2007	Infantry operate ITL Mini SEAS NVG
Turkey 	'Future Soldier'	Concept phase	To be awarded	Fielding PRC-9651 hand-held SDR at squad level	Aselsan demos 'BATUR' Dismounted BMS at IDEF in May
United Kingdom 	Future Integrated Soldier Technology (FIST) 1a	DC3 completing Commanders Lightweight Radio (CLR) And Commander's Locating Beacon (CLB) being deployed	Thales PCMO for Assessment Phase. FIST IA equipment sourced from ELCAN, Shield, Qioptiq, Uniscope, Vectronix, Olympus and Istec	DC3 programme worth completing	General Dynamics in negotiations to replace FMS TIGR with COTS GeoSuite in the phase 3 of Tactical Situational Awareness UOR. Ventronic awarded additional contract for 1400 Commanders Target Locator/Moskito in June
United Kingdom 	FIST 2	New home for FIST 1b from 2015	Currently Thales PCMO	Major R&D thrust on burden reduction Goal to reduce burden to 40Kg by 2020	Part of System Integration epoch
United Kingdom 	FIST 3	In Epoch 3/2021-25. Main item is new assault rifle Initial Gate from 2013-14	TBC	Will include next iteration of DSA	Goal to reduce soldier burden from 40-30Kg

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United States  	Marine Expeditionary Rifle Squad (MERS)	Continuing Soldier as a System approach	Various Suppliers	Awarded two contracts for Family of Load Bearing Equipment to Eagle Industries Unlimited and Propper International worth \$97.5m to complete in September 2012	Delivery of 3600 H&K M27 IARs in early 2012, 458 already fielded in experimental programme
United States  	Nett Warrior	LUT in November 2010. Designs considered too heavy and bulky. Going for 'Cellular type device' with apps linked to AN/PRC-154 Rifleman Radio	Rockwell Collins, Raytheon and General Dynamics	Concepts tested at NIE 12.1	Initial requirement for 20,511 systems in first five years of production
United States  	Land Warrior	Development complete	General Dynamics C4 Systems	Development complete	Legacy 'Manchu' equipment used widely in FCS/E-IBCT work
United States  	Air Warrior	Began 2003. Increment 3 now completing delivery. Scheduled to complete in FY2014	Includes BAE Systems, Westwind Technologies, Carleton Technologies, Med-Eng Systems, Raytheon, Secure Communication Systems, Telephonics, General Dynamics C4S and Science and Engineering Services	Fielding Survival Kit Ready Access Modular, Dual EDM and Encrypted Aircraft Wireless Intercom System in FY11	Equips every UH-60 Blackhawk A, L and M in the fleet and the CH-47 D and F Chinook
United States  	Air Soldier	Strategy changed in Dec 2011. Changed from three to two increment approach. RFP issued in March 2012. Currently in EMD phase, procurement of Sub-Inc 1a in FY2014 and Sub-Inc 1b in FY2017	To be awarded	Air soldier goals: Reduce bulk and weight. Integrate Aviation Life Support Equipment. Improved operations in degraded visual environments. Increase operations in full MOPP and extreme temperatures	Final sub-increment of Air Soldier focuses on the full integration of Air Soldier capabilities with a net weight reduction of approx. 25 lbs

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United States 	Mounted Warrior/ Mounted Soldier System Inc 1	Contracts in 2005. 165 systems deployed with 4th Battalion 9th Infantry Regiment in Iraq in 2007-8	General Dynamics C4 Systems and Microvision	Increment I provided the Mounted Warrior Helmet-Mounted Display	Became MSS Increment I
United States 	Mounted Soldier Systems Inc. 2	EMD phase awarded May 2009. LUT Summer 2011. Est. MS C in 4Q2011	Rockwell Collins, Thales Comms Inc.	MSS will cover HMD, Cordless Comms, Microclimate cooling and Soldier force protection	Will initially equip M1-A2 SEP V2, M2-A3 Bradley, M3- A3 Bradley and M113 Medical Evacuation Variant vehicles



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