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Products, services, marketing agreements...

Digital emphasizes manufacturing integration with industrial computer family

Digital has announced a family of factory systems and services based on the VAX computer and networking architecture, as well as marketing agreements with leading factory automation vendors.

"Integration is the key to maintaining a competitive edge in manufacturing," said President Ken Olsen, "and it's based on excellence in networking. The industrial family greatly extends our ability to provide solutions for our manufacturing customers. This makes Digital the only computer supplier to offer a full range of systems, applications and services based on a single system and networking architecture."

Eighteen new products and services and two marketing agreements were announced, which reinforce Digital's capabilities in the four essential areas of integrated manufacturing solutions. Those areas are: a single architecture that spans applications from corporate systems to the manufacturing floor; integration tools that link Digital's computing environment with the unique needs of each manufacturing department; application solutions that extend Digital-based manufacturing solutions; and industry-leading services that enable Digital to develop customized solutions and integrate them into the customer's environment.

Eight Industrial Computer Systems Based on a Single Architecture

Three new computer systems comprise the basic industrial family: the Industrial VAX



Digital's new factory systems products bring computing power to industrial environments

630 for supervisory and area control; the Industrial PDP-11 for PDP-11-based manufacturing applications; and the Industrial VAX 620 System for dedicated realtime applications.

Also announced were three sealed, passively cooled systems: the Industrial VAX 630, the Industrial PDP-11, and the Industrial VAX 620 systems. The IVAX BASEWAY Cell Supervisor and the IPDP-11 BASEWAY Shop Floor Server for device control programs complete the systems offering. Each system includes a full one-year warranty, featuring on-site service and a committed

response time for remedial calls.

Industry-leading Manufacturing Services

Digital's new Manufacturing Systems Integration Services (MSIS) enhance the company's ability to design custom CIM solutions for customers. The MSIS program is built on two new components: the new BASEstar software platform for application integration and the company's new domestic Manufacturing Resource Centers.

BASEstar is Digital's first application integration software platform for discrete manufacturing. It is used to integrate applications and data on a customized basis in a complex manufacturing environment.

Three new U.S. Manufacturing Resource Centers located in Detroit, Santa Clara, Calif., and Enfield, Conn. are staffed by manufacturing experts who provide consulting services to Digital's customers and field personnel.

"The MSIS program is a vital component of our industrial offering," said Dave Copeland, manager, Manufacturing/CIM Marketing. "Our Software Services group's ability to integrate applications within the Digital computing architecture provides a total manufacturing solution. It is this ability to create custom solutions and integrate them into a customer's organization that makes Digital unique among computer suppliers."

Digital wins Social Investment Forum award

Digital has received the first annual "Award for Corporate Social Responsibility and Achievement" from the Social Investment Forum. The award recognizes Digital's "outstanding social and financial performance" over the past year. It was presented at the "Socially Responsible Investing in the '80s Conference" held in New York City on April 3.

John Sims, vice president, Personnel/Administration, DIS and Purchasing, accepted the award on behalf of the company. "This award represents what Digital has always believed—that good corporate citizenship and good business practice go hand-in-hand," John said.

In addition to its recent performance, Digital was cited for its commitment to its employees and for its affirmative action programs.

The Social Investment Forum is a trade association of professionals and organizations involved in socially responsible investing (SRI). SRI is the practice of making investment decisions based on a company's social and financial performance.

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High Performance Systems group wins award



Bob Glorioso (left), vice president, High Performance Systems, and Mark Roberts (right), manager of Corporate Product Operations, present the Outstanding Product Introduction Award to Rich Whitman, announcement captain for the January product introduction. The award recognizes the achievements of the High Performance Systems group for the VAX 8974 and VAX 8978 systems. The VAX 8974 and VAX 8978 represent Digital's most powerful computing systems to date.

Inventory Program Team, Returns Disposition Center win awards

Digital's Returns Disposition Center (RDC) and the Inventory Programs Team (IPT) recently received awards for excellence at the Worldwide Materials Managers meeting. Both organizations are responsible for reducing the company's returned inventory through creative recycling programs.

The Returns Disposition Center, located in Nashua, allows Digital to consolidate customer equipment returns and move them back into the revenue stream. Art Lally, RDC manager, says, "RDC is knowledgeable about materials management, and contributes to Digital's sales by returning equipment to manufacturing for refurbishing and by recycling equipment internally. We played a significant role at DECworld '86 and the DECUS symposia by recycling demo equipment to the Traditional Product Line (TPL) and the Internal Equipment

DIGITAL THIS WEEK



Editor: Kate Nelson

Send stories, photos, ideas or suggestions to DTW, CFO2-3/K23 or call the editor at DTN 251-1307. Electronically, the editor may be reached on DECmail @CFO or at CELICA::KNELSON. Ads must be submitted in writing to Marketplace, CFO2-3/K23. Please direct all Marketplace inquiries to DTN 251-1308.

Digital This Week is published every other week by the Corporate Employee Communication department of Digital Equipment Corp. for employees in the Greater Maynard Area.

Group (IEG)."

According to Garry Wheeler, RDC's business planning manager, the group started as a center to process returned equipment. Now, new programs are in place to expand the charter. "We have grown from a place that fixed return authorization problems to an organization where we can really help manage Digital's assets," says Garry. "We're expanding our forecasting capability to better predict what products will be returned and when. For example, we're helping the Application Centers for Technology (ACTs) to make decisions on what to do with their displaced equipment."

The award to the IPT recognized the progress the team has made in reducing excess and obsolete inventory in the corporation. Co-managed by Earl Haight of U.S. Business Operations and Mike Flaherty of Manufacturing, the cross-functional team is composed of 30 employees who work to maintain a high level of active inventory.

IPT's programs to reduce the company's excess inventory include grants and gifts-in-kind to non-profit organizations, sales to educational and government institutions, redistribution of equipment internally, and price reductions on selected products, the latter a joint effort with the Product Business Units.

Says Mike Flaherty, "Our current success is moving our excess and obsolete equipment. Our future success is not to have to develop more programs to do it."

DECVETS enters seventh year of service

DECVETS, a Vietnam veterans support group made up of Digital employees, is entering its seventh year of providing support services to the internal veterans community. Emphasizing positive job performance for veterans, DECVETS maintains close ties with the Greater Maynard Employee Assistance Program (EAP) and the VA Veterans Center outreach programs. Membership spans Digital locations throughout the United States and Puerto Rico. DECVETS has been nationally recognized as the first sanctioned support group to be established by Vietnam veterans within a major corporation.

In lieu of formal meetings, DECVETS emphasizes point-to-point resource support, plus periodic mailings on subjects of interest to veterans within Digital. Membership is open to all interested employees. For further information, please contact Paul Senecal, DTN 223-9395, or Jed Levine, DTN 284-3353.

Rainbow Computer Camp begins Aug. 3

For the fourth straight year, the Central Massachusetts Community Relations Office in Marlboro will offer Rainbow Computer Camp to children ages 8-16. This year's camp will be held Aug. 3-14 at the Hillside School, just three miles from the MRO3 facility.

A comprehensive two-week program designed by Digital and educators from the French River Education Center of Oxford, Mass., Rainbow Computer Camp blends computer learning, recreation and personal growth exercises. Campers will be grouped according to ability and age. Day-to-day activities will be tailored for each group of students. Lunches and snacks will be provided.

The camp runs from 9 a.m. to 5 p.m. each day. Regularly scheduled shuttle vans will leave MRO3 from 8:45 a.m. to 9 a.m. and leave Hillside from 4:45 p.m. to 5 p.m. The camp costs \$290 per child (\$250 if more than one child attends from the same family).

For more information or an application, call Sherron Benoit, program coordinator, at DTN 297-7575.

Industrial computer family introduced . . .

(continued from page 1)

In addition to the products announced last week, Rexnord Corp. was selected as Digital's first System Cooperative Marketing Program (SCMP) supplier specifically for factory automation. And Honeywell Micro Switch entered into a new joint marketing agreement with Digital for the new DECscan interconnect tools that link micro switch sensor interface devices (SID) and Digital's MicroVAX and Industrial VAX computers.

Rose Ann Giordano named Corporate Officer in charge of DECUS



Rose Ann Giordano

Rose Ann Giordano, vice president, Consultant and Information Systems Marketing, has been appointed Corporate Officer in charge of the Digital Equipment Computer Users Society (DECUS), In this position, Rose Ann will continue the

positive relationship between Digital and DECUS. Rose Ann has served as the Digital delegate on the DECUS U.S. Chapter board of directors for the past three years.

DECUS Executive Director Andy Powderly

and his group, who are responsible for managing the administrative function of the U.S. Chapter, will report to Rose Ann.

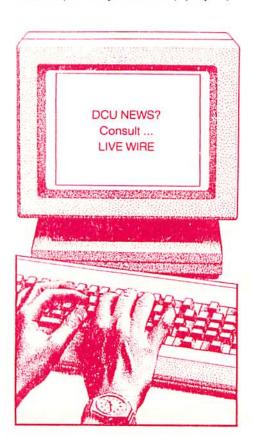
In addition, Peter Jancourtz, Corporate Marketing Communications manager, will be the Digital delegate to the DECUS U.S. board of directors this year. Don McInnis, Engineering Systems Group manager, will be the alternate delegate.

DECUS has more than 90,000 members. 55,000 in the U.S. alone. Formed in 1961, the U.S. Chapter of DECUS promotes the exchange of information processing information among users of Digital products. Membership is open to all who have a bona fide interest in DECUS and Digital's prod-

IDECUS announces spring symposium

The IDECUS spring symposium will be held May 12, 13 and 14 at the Sheraton Conference Center, Boxborough, Mass. Topics such as artificial intelligence, manufacturing, communications/networks, and information management will be covered in 72 sessions.

Keynote speakers for the conference are Bel Cross, Corporate DIS manager (May 12); Dan Infante, vice president, Manufacturing/Engineering Information and Technology (May 13); and Bill Steul, vice president, Corporate Systems Group (May 14).



A highlight of the symposium will be the "Integrated Enterprise" focus series of 13 sessions sponsored by the Computer-Integrated Manufacturing (CIM) Program Office. Each session in the series will present an aspect of CIM integration within Manufacturing. The "Integrated Enterprise" display, located in the Parade Room, will feature demonstrations related to the CIM sessions.

Pre-registration is required to attend the three-day symposium. Employees can register on-line from April 10 through May 1 by selecting "IDECUS" from the Corporate VTX Library listing, which can be accessed at most Digital facilities with VTX servers. IDE-CUS will not accept electronic mail, phone, or paper registrations. Registration may close earlier than May 1 if capacity is reached by then.

Employees who are on the IDECUS distribution list will receive the symposium program in mid-April. The program and any updates may also be seen on-line on VTX starting April 10.

MRAD seeking FY88 proposals

The Manufacturing Research and Development (MRAD) committee is accepting proposals for FY88 funding. Established to encourage new ideas and innovation in manufacturing, MRAD grants seed money for short-term projects that may be high risk but show potential for high payoff. Projects must be completed in FY88.

To submit a proposal for consideration, contact June MacArthur, MRAD administrator, at DTN 225-5632, or on ENET at CDR::MACARTHUR for a copy of the guidelines to be used and a list of MRAD committee members. Proposals must be received no later than May 29.

John Doherty named manager of Corporate Personnel Policies and Procedures

John Doherty has joined Corporate Employee Relations as the Corporate Personnel Policy and Procedures manager, reporting to Erline Belton, manager, Corporate Employee Relations. John has been with



John Doherty

Digital for 13 years, most recently as the Software Services, CSS, & Educational Services Human Resources manager. He also has held such positions as recruiter and Personnel manager, and has been a line manager in the Product Support organization. John received his bachelor's degree from Northeastern University, and holds an M.B.A. from Suffolk University.

Albert Tervalon joins Digital as Springfield Plant manager

Albert Tervalon has joined Digital as manager of the Springfield plant, reporting to Greg Plakias, Storage Systems Group Manufacturing manager.

Albert has more than 20 years' experience in operations, manufacturing, and engineering management in high technology. Prior to joining Digital, he was vice president of Operations with Power/MATE, a division of RTE, a manufacturer of power equipment. His background also includes 15 years with General Electric.

Albert holds a bachelor's degree from MIT and a master's degree from Rensselaer Polytechnic Institute.

Volunteers needed for Digital Seniors Golf Classic

Employees are encouraged to volunteer to help at the Digital Seniors Golf Classic Aug. 5-9. The tournament, an event on the Professional Golfers' Association Seniors tour, will be held at the Nashawtuc Country Club in Concord.

Volunteers are needed for the following positions: marshals; scorers (men and women); communications people; and non-uniformed volunteers. Prior experience is not necessary.

For more information, contact Tom Gobiel at DTN 236-2279 or SALLIE::GOBI-

THE MARKETPLACE



APPLIANCES

PROPANE TANKS AND REGULATOR, save on propane if you pick it up, \$75/BO, Colette, 296-4232

HEAVY DUTY WASHER, Hotpoint, ex 1rg capacity, 1 1/2 yrs old, like new, \$300, Steve, 223-3816

REFRIGERATOR, Frigidare, 17.6 cu ft, avacado, \$200/B0 Roger, 1-800-942-9422

WASHING MACHINE, small Kenmore automatic, faucet or sink hookup, good cond, \$125, Brad, 297-7170

CARS

'80 TOYOTA CORONA Luxury Edition, ryl blu, auto, 4dr a/c.gd cond,\$2800/BO, Donna, 237-3658

'85 CHEV Z28 CAMARO, loaded w/T-Top, TPI engn, red w/blck int, \$11K/BO, must sell, Lorie, 221-5463

'77 TOYOTA CELICA, parts only, new brakes, new clutch, \$200 firm, Lesley, 249-4005

'81 TOYOTA STARLET, brown, 56Kmi, 5spd, 40mpg, am/fm cass, moonroof, \$2100/BO, Laura, 251-1944

'85 HONDA CIVIC CRX-si, exc cond, asking \$7800.

'77 CHEVY 1-ton 14'walkin alum van,ex-hi,ex-wide, new brks/tires/heads,4spd,\$4K,Larry,237-3274

'81 DATSUN 210,2dr htchbk,5spd,am/fm cass,a 70Kmi.gd mileage.exc cnd.\$2000.Gloria,223-1346

'84 FORD BRONCO II, auto, 42Kmi, orig ownr, am/fm Michlm radis, rstprf, warrety, B/O, Anne, 223-9095

'81 PONTIAC FIREBIRD, V6, 2dr, am/fm, a/c, rstprf, good cond, \$4000 firm, Linda, 234-4453

'74 CHEVY MALIBU CLASSC,4dr,blu,gd cnd,runs super exc/commuting,mst sell,\$800/80,Michelle,277-7205

'72 CHEVY MALIBU, auto trans, pwr str, 307-V8, vinyl end, depend, run gd, \$1150/BO, Cindy, 234-457

'85 TOYOTA COROLLA SR5 coupe.a/c.am/fm. varraty, security lock, exc end, Con, 223-7393

'86 BMW 325,5spd,12Kmi,am/fm cas,4dr,alarm,mnt cd 7yr or 75Kmi warr/prts/labor,\$18900,John,292-2394

'84 HONDA ACCORD-LX, Sspd, white, exc cond, orig ownr \$6000/80, John, 277-73

'83 PONTIAC 6000,4dr,4cyl,auto,a/c,ps,ps,cc,new Mchlns,79K hwy mi,cln,rn grt,\$3495,Frank,232-2548

'82 FORD ESCORT, 4spd, 62Kmi, yel w/blck int, clean, and dependable, \$2500. Tracy, 289-1098

'84 DODGE SHELBY CHRGR, blu/slvr racng strps, Shiby eng, 117 HP, 5spd, rstprf, seald pnt, \$6K, Don, 241-3183

'78 FORD FAIRMONT SQUIRE WAGON, loaded, V8, auto, ps, pb.ac.am/fm.clean.gd end.\$1000.Michael,297-656

'83 HONDA ACCORD, Spec Ed, 4dr, gray, auto, ps, pb, pw, snrf, ac, cruis, casset, 64Kmi, \$6500/Bo, Paul, 282-1587

'86 TOYOTA CAMRY, navy, 16Kmi, exc cnd, ac, cruise cnt am/fm, assum 5yr warr, \$10800/80, Robert, 223-1892

'80 MAZDA Rx7 GS.blue.5spd.exc cnd.Don.226-7684

'85 TOYOTA CELICA, auto, ps/pb, ac, au/fm ster, T-roof cruise, tilt, 28kmi, ex cnd, \$9700/80, Helena, 269-2317

'66 FORD MUSTANG Covertbl, Fla car, true clasic, 289-V8auto, part retorts almst comp, \$8K, Frank, 297-2193

'81 LYNX GL MERCRY WGN, auto, wel main, ps, pb, ac, n trans, radio, retail/\$2250;\$1575/BO, Shamir, 296-47

'86 1/2 NISSAN 4x4 PICKUP, Sapd, atereo, 11Kmi, \$7700 Paul, 274-6753

'79 CHEVY IMPALA, V8, ps, pb, am/fm ster, new brks, t bdy clean, nds trans work, \$1000/B0, Jack, 237-3454

FURNITURE

TRESTLE TABLE, dark pine, 6ft, with benches, \$375,

BEDROOM SET.qn sz,2 tbls,trip drssr w/mr,Med styl hiboy,perf,\$800,wil deliwr 30mi/LKG,Bill,226-7386

TEAK WALL UNITS, 2 w/glas drs & lites, 1 w/bar, 8 mo old, exc end, \$150 ea/\$400 set of 3, Cindy, 276-9797

LG WOOD DESK \$350; Chair 79; Cof Table 79; End Tbls (2)69/ea; wal unit 85, all mtchng wood, Jim, 276-8638

LOST & FOUND

Lost, mens glasses, drk frm, in Mill on 3/9/87, venty of ML04-1 or ML04-2, rew, Clif, 223-6833

MISCELLANEOUS

FIREPLACE SCREEN & TOOLS, blek rod from, tools have wood hndles, screen/30"x36", \$25, Elizabeth, 244-6200

CELTIC'S JACKET, mens, sm, green satin, never wor

VACUUM CLEANER Kennore uprite w/beatr brsh.gd cnd \$40; Mattress, fl sz, gd cnd, \$40, Bella, 223-989

LADIES OPOSSUM JACKET, sz S/M, paid \$550, asking \$150. Irene. 276-8236

TRAILER, '72 Snowmobile(2 place)tilt bed, lK 1b max cap, gd utility use by add sides, \$150, Jim, 237-2035

MOTORCYCLES

HONDA, CR500R Motocrs bike, v gd cnd.nds nothng e/race, l ownr, adult ownd, \$1295, Dennis, 264-0808

'79 HONDA CB750L, t0th Anny Limited edition, \$1600/ BO. James, 381-156:

REAL ESTATE

ANDOVER, beaut 3bdr. 2b, fam rm, gourmet kit, big scrn prch, 2 cr gar, \$262.9K, Judy, 381-2934

HUDSON, NH, splt-lvI rach, I acr, cor lot, eatin kit, 3 br, cath ceil, farm, wdstv, gar, \$153.9K, Suc, 226-7115

SOUTH NASHUA, cape, fl dormrd cape, 8rm, 3br, 2b, 1/3ac new fmrm, mov-in cnd, lndscpd, \$137.9K, Bob, 264-6473

TEWKSBURY, cotmp 2br twohs, cath ceil, 1400 sq ft.4 levels, 1 1/2 bth, gar, \$148.5K, Jim, 261-2194

LEOMINSTER, charming 8 rm gambrel on 2.2 acr wood lot, 2car gar, huge deck, \$218K, Peg, 226-2130

CAPE COD, Brewster, br new twohs In one of best resrts, loft, skylt, all appl, \$142.9K, Harty, 282-1592

MARLBORO, nr Wayside Inn, 3-4 bdr, fmrm, 2bth, 2 wdstvdck, 3/4 wood acr, 15 mn/MLO/PK, \$210K, Jack, 223-5242

HUDSON, MA. 2br cndo, new conversion/appliances, air, near 495/290.\$88K.Renee,234-5032

NEWPORT, RI, tmshr, wk May 1-7, deeded, slp 6,2 fl bth jacz, kir, lr, dr, ful furn, TV, phon, \$6K, Hary, 297-2279

LUNENBERG, duplx, 3br. 1 1/2b, 1g yrd, acces/priv lak quiet, like new, v well blt, 6 insul, Eddie, 244-7731

MOBILE HOME, 50x12, 4rm, new furnace, gas stv, ref, 250 gal oil tak, shed, must be moved, \$12K, John, 223-5422

LEOMINSTER, nr 190/495, 2br twnhs, 1 1/2b, 1r w/deck, dr, ful appl kt, w/w, oil ht, bsmt, \$102K, Peg, 234-4456

RECREATION VEHICLES

CAMPER, '69 Holiday Trvlr, slp 6, ful cont, gas stv, refrig, ht wtr, toilet w/tnk, \$2200, Kathy, 297-7631

MISTRAL SAILBOARD, '84 club modl, inc 5.0 sail 8 strm sail.usd | seas,wl store,\$725,Kathy,297-2084

RENTALS

HUDSON,MA,2nd fl adult apt,ful appl kit,lvr,w/w, br,fmrm,snrm,dck,no pets,\$695+ut1,Carol,223-2890

WATERVILLE ESTATES, NH. new codo, 3bdr twohs w/mto view, wknd/\$360, wkly/\$740, B111, 296-4154

N CHELMSFORD. 2br condo. 1 1/2 bth, frpl, deck, loft, 795+util, Jason, 226-2660

CONCORD, M/F prof, room w/priv bth, kit privilg, nonsmkr, cutry setting, \$300/mo+, Wini, 223-6231

MILFORD, lux cndo, 2bdr, 1 1/2b, balcny, gym, pool, ten, clbhs, picnic areas, storage, \$699/mo, Heinz, 268-3216

WORCESTER, 3bdr apt/3rd fir, cutrlly loc, nr hspitl, schools, \$475+sec dep, no pets, Cyrus, 296-5025/5597

GRAFTON, twnhs, 4br., 2b, fl appl kit, skylite, gar, deck w/d hkup, gas, conv loc, \$875+util, Sylvia, 296-3373

SUDBURY.3br,1 1/2b ranch, nice fam nbrbd, conv/RT20 shopping, av1 March,\$1250+util,Dave,232-2520

VERMONT, ski house avail school vacatn, ski Okemo Killngtn, Bromley, \$200/wknd, \$350/wk, Mary, 296-5021

LOON MTN,3 min.new studio eff cndo,slp 4,mod kit, in pool,whlp,sauna,\$375/wk,12/1-4/1,Lori,296-4161

MARLBORO, twnhs, 3br, I.5b, bsmt, appl, a/c, pool, prkg, nr/DEC, no pets, \$900/mo+util, Raymond, 276-8185

DRACUT, twnhs, wooded view, 2br, 1 1/2b, w/w, a/c, d/w, disp, adults, no pets, \$675(neg)+util, Ann, 297-6847

ACTON, Woodwale endo on Rt 2A, 1bdr, a/c, pool, tennis storage area, \$700 includes util, Bill, 269-2292

MAYNARD, 2br, L, B, K/stove, refrig, w/w carpet, immed occup, no smoking, no pets, \$550+util, Mary, 223-9613

YORK BEACH, ME, beach frot eff endo, on Long Sands, slp 4, beau spot, \$375/wk, off 295/wk, Mike, 272-7327

CANCUN, luxury wtrfret 2br apt, 2bths, kit, dr, lr, pool, wetbar, May 24-31, \$1750/wk, Joy, 223-2366

FITCHBURG, nice 2bdr apt in 2 fam, gar, porch, conv location, \$475+util, Dick, 226-2548

NORTHBORO, 4rm apt/priv home, appliances, \$625 incheat δ elec, Mike, 225-6475

CAPE COD, N. Eastham, 4 yr old hse, 1.5 mi/ocean, slp 6, no pets, \$500/wk or \$475/mult wks, Linda, 282-1638

WILTON, NH, custm contmpry 3-4 bdr, 2,5bth, frp1,5ac-2car gar, ful app1, mst see, \$1250/mo, Jeff, 249-489

ARLINGTON, MA, avl 4-1, 1br cndo, exc loc, pool, inc h no pets, \$650/mo, Ernie/Carol, collect, 603-889-0926

WESTMINSTER, new 2br twnh codo, 1 1/2b, ful bsnt,nr/ RT2/140, overlook woodlnds, \$600/mo, Donna, 276-9322 DENNISPORT. 3br cottage, 100 yrds/prv ocn bch, \$175/

wknds, \$400 4/18-6/13, htd, pics av1, Nancy, 244-6344 CAPE COD, FALHOUTH, 4bdr cape, slp 7,5mm walk/inlet beach, \$475/wk, Jack, 223-7196

LK WINNIE CHALET, 3br. 1 1/2bth, ful appl kit, 30 min wlk/sandy bch, tennis, 400/wk in seasn, Jim, 289-1890

ROOMMATES

nonsmkr,shr new 2br twnhs/Worcester,nr/RT 290

F nonenk prof seek same/shr twohs(2bdr)N.Chlmsfrd RT3/495/128,\$400/mo+1/2 util.Hartha,223-4112

ROOMMATE wanted, new hse/Tyngsboro, nice area, 3bdr \$350-550, your choice, no smkrs/pets, Mike, 273-3697

BOLTON, nonsmkr, near, considerate, shr nice 2 br hse 2mi/495, \$425/mo inc ht,+1/2 util, Carol, 276-8377

M/F,1 or 2 to shr lrge cndo,all amenities,beautfl convenient loc/Acton,\$275/mo,Gerry,264-7510

M/F, shr hse Maynard, newer, 7rm, frp1, deck, bsnt, atto 1g yard, w/d, \$350+util, Fred, 223-5818

F,looking for F roomsate shr hae in Townsend,\$285 + 1/2 util,nonsmkr,Don,223-2714

M/F, prof, shr 2br, 2bth, lux endo, Whispering Pines Estates, Hudson, \$395+1/2 util, Kathy, 223-3368

F, nonsaker, shr lge lux cndo/Acton, MA, ideal loctn, w/d, all appl, \$300/mo, Gerry, 264-7510

F, nonsmkr, shr top flr/house in Newton, 2bdr, 2bth, 2 lvrm, eath kit, \$380+1/2 util, Ursula, 292-2157

M/F,nonsmkr,1,shr beaut 4bdr hse,2bth,dshwshr,nr RT27/117,\$325 inc all,Ed,226-7927

M/F, nonsmkr, shr Billerica hse.lrg bdr, lr, dr, kit, 2 bth, yard Concord Rv, \$375/mo, Ken, 264-4617

LINCOLN, 2F, 2H, ages 27-32 seek 1 prof F, nonsmkr, shr 5bdr, 3 1/2b bse, \$190+1/5 utl, Garrett, 223-6310 2 M/F shr hae in Maynard, 8rms, 3bth, w/d, d/w, lg yrd

M/F,(1),shr house/Harvard,avail Apr 1,nonsmkr, garage,\$400/mo+1/2 util,Frank,223-8970

M/F, shr lrg 2bdr apt/Mari, pool, tennis, Nautilus, club, \$340/mo+1/2 elec, Sanjeev, 297-2446

SPORTING GOODS

\$290 + split util Barbara . 223-860*

BEGINNER SKI PACKAGE, used Nordika boots, sz 7, women, bndings, skis, poles, \$79, Rita, 243-2759

SKI BOOTS, mens size 10, Koflach top entry, \$50,

LADIES SKI BIBS, black, U.S. Sports, small, like new, \$40, Sharon, 226-6580

WOMEN'S SKI BOOTS, sz 8, Caber, exc cnd, \$50, Rhonda

BOYS BICYCLES, Univega, 18", one w/Condale Frot Pck, exc cd, \$75; 61 w/lock/bttle, 1k nu, \$85, Pat, 249-4291

WANTED

OLD FURNITURE, learning to fix old furn, will buy baul old pieces, almost any conditn, Janet, 297-5232

INFORMATION re: Twin Mother's clubs or Mother Twins clubs: Car seated wins clubs; Car seats/reasn, gd cd, Geneva, 297-6444

WANTED, any Marshall (guitar amplifier) w/100 watt or more head & cabinet, Geoff, 276-9985



Corporate Employee Services and Recreation has made tickets available to Digital employees for a performance of SinfoNova, the classical music ensemble. SinfoNova will play selections from a ballet based on Bizet's "Carmen" on Friday, May 1, at 8 p.m. at Jordan Hall, New England Conservatory of Music, Boston. The deadline for ticket orders is April 22. Forms are available from your local Employee Services and Recreation department, or call DTN 225-4624.

Electrical shutdown at Parker Street May 16-17

An electrical shutdown of the entire Parker Street facility (PKO1, PKO2, and PKO3) is scheduled for Saturday and Sunday, May 16 and 17. Maintenance work on the electrical system will be performed during the shutdown.

To avoid damage to equipment, all word processors and terminals must be turned off on Friday, May 15. They may be powered up again on Monday, May 18. For more information, contact Phil Orifice, DTN 223-9781.

Digital Running Club members compete in Los Angeles Marathon

Roger Nasatka, a Parker Street employee, placed 44th in a field of 15,000 runners in the recent Los Angeles Marathon. Roger, a member of the Digital Running Club, ran the 26.2-mile course in two hours, 34 minutes. Other club members who ran the marathon and their times are: Greg Stromberg, 2:49; Fran Maycock, 3:10; John Saarinen, 3:20; Bob Berdat, 3:25; Jerry Ayres, 3:33; Joe Hannon, 3:35; Julius Cassels, 3:39; and Ray Arsenault, 3:59.

Running Club members will also participate in the Boston Marathon on April 20. For more information, contact Betsy Bacon (CSSE::BACON).

Tennis League to begin '87 season

The Digital Tennis League starts the 1987 season on May 18. Registration deadline is May 6.

The league is made up of three divisions — men's singles, women's singles and mixed doubles. The season consists of two sessions lasting five weeks each, with each player competing in four matches in each session. There is a single elimination tournament at the end of the season, with the finals being played at the annual outing scheduled for September 25.

To receive a registration kit, send your name, location, and mailstop to the Digital Tennis League, MLO1-2/C30. Kits may also be requested via VAXmail (ADVAX::FALVELLA or MYLES::TENNIS); or via DECmail to Myles Falvella @ MLO. Employees who were members last year will automatically receive a registration kit.

educational opportunities

Technical seminars

This is an integrated calendar of seminars for HLO, MRO, LKG, APO, LTN, ZKO, MLO, and SHR

Unless otherwise indicated, seminar locations are as follows:

ire as follows	5.
Training Co	enter
Hall of Whi	te Mists
Hardware/	Software Con. Room
LK01-3 Ca	nfeteria
Babbage A	ud.
Mill Caf. Co	on. Room
Room will b	be announced
Cafeteria	
289-1226	ERIE::SCOTT
225-4068	HUDSON::FIDLER
297-5097	HYPER::CSMALL
237-3258	APOLLO::HEDIN
226-7065	DELNI::NAPERT
381-1057	ZEKE::LIBRARY
223-3674	MILRAT::COTOIA
	Training Ce Hall of Whit Hardware/ LKO1-3 Ca Babbage A Mill Caf. Co Room will It Cafeteria 289-1226 225-4068 297-5097 237-3258 226-7065 381-1057

April 7, 10 a.m., HWM-HLO1

Jim Miller, MIT

LTN

"Garbage Collection for a Parallel LISP System"

229-6900 PHENIX::BETTE

April 7, 10-11:30 a.m., MLO

Charles Bigelow, Bigelow and Holmes Studio

"Concepts of Text: Marking and Meaning in Digital Typography"

April 8, 10 a.m., HWM-HLO1

Dick Sites, Digital

"Address Tracing Using Microcode"

April 8, 2 p.m., HWM-HLO1

Jurgen Nehmer, Universitat Kaiserslautern

"Key Concepts of the Incas — Multicomputer Projects"

April 9, 10 a.m., HWM-HLO1

Mark Fox, Carnegie Group, Inc. "Second Generation Al Applications"

April 14, 2-4 p.m., MLO

Duane Adams, Carnegie-Mellon University

"Speech Recognition Research at CMU"

April 15, 10 a.m., HLO2 Cafeterla

Daniel Bobrow, Xerox PARC
"Common Loops and the Emerging
Common LISP Object Standard"

April 15, 3-4:30 p.m., LKG

Bob Travis, Digital

"Digital's Compound Document Architecture"

April 16, 10 a.m., HWM-HLO1

Premachandran R. Menon, University of Massachusetts

"Test Generation for SCAN-Testable Circuits"

April 16, 2:30-4 p.m., TWO

NTU Research Seminar "Design for Assembly

April 17, 1-4 p.m., TWO

AMCEE Satellite

"Dynamics of Human Resource Management"

April 28, 10 a.m., HWM-HLO1

Gordon Kotik, Reasoning Systems, Inc. "REFINE: A Knowledge-Based Software Development Environment"

April 28, 2-4 p.m., MLO

Terry Potter, Digital

"Storing/Retrieving Data in a Parallel Distributed Memory"

April 29, 3-4:30 p.m., LKG

Nick Lippis, Digital

"T1 Services, Equipment, Tariffs and Its Relevance to Digital"

New from Digital Press

Digital Press announces the following new publications about Digital's VAX/VMS products:

• "Digital Technical Journal No. 4 — The VAX 8800 Family" (part no. EY-6711E-DP) features 14 technical papers written by members of the design team about the design of the VAX 8800 family of CPUs. The technology used in Digital's latest high-end machine, the VAX 8800 multiprocessor, also forms the basis for three other VAX members: the 8700, 8550, and 8500 CPUs. The price to U.S. employees is \$7.50.

• "The VAX Architecture Handbook" (part no. EB-26115-DP) is a concise introduction to data types, instruction set, addressing modes, memory management scheme, programming environment, and other attributes common to the VAX family of computers, from the MicroVAX to the VAX 8800. The features are fully described and illustrated with tables, drawings, and examples. The price to U.S. employees is \$7.50.

• "The VAX Software Handbook Set" (part no. EJ-28250-DP) is a three-volume survey of software tools available to users of VAX/VMS systems. This set includes the "VMS System Software Handbook," which discusses VMS operating system software; the "Languages and Tools Handbook," which describes the tools available to VAX programmers, and the "Information Management Handbook," which presents the VAX Information Architecture and the data management products it comprises. The set is \$12 for U.S. employees.

U.S. employees, other than Field Service and Software Services personnel, may order by sending a DECmail message to MAILPO @ BKO or via VAXmail to EDS-VAX::MAILPO. Employee name, badge number, cost center, mail stop, full facility address, quantity, title, desired media, and part number must be included in the message. Telephone orders will also be taken at (1-800) 343-8321. Field Service and Software Services employees may order through their Area Logistics training contact. Information about Digital Press books may be obtained by phoning DTN 249-1536. ■

Digital, Northeastern to offer Al seminar

Digital and Northeastern University's State-of-the-Art Engineering Program will present a five-day seminar on artificial intelligence and expert systems April 13-17 at the Boston Museum of Science. The seminars will be presented in four modules that take students from basic Al concepts through the prototype of an expert system. Guest lecturers include Peter Politakis, Software Engineering manager for the Al Applications group in Hudson, and Larry Harris of Artificial Intelligence Corp.

The seminar is designed for programmers, system developers, managers, and others involved in Al. No previous knowledge of Al is required, although participants are expected to have some knowledge of computers and programming.

For more information, contact Northeastern University at (617) 329-8775.

Office Applications Training May course schedule

All course locations are PKO3-1/Pole 8H unless otherwise specified. Dates are subject to change. To enroll, complete an OA Enrollment form and send to the OA Registrar, PKO3-1/B11.

Office Productivity Training

Essentials for New Secretaries at DEC (1 day) May 7

Intro to Operating Systems and Hardware Intro to VAX/VMS (2 days) May 18 MS-DOS® (1 day) May 11

Multi-Function Office Systems

ALL-IN-1 System Manager (2 days) May 4 ALL-IN-1 System Overview (1 day) May 11 ALL-IN-1 Basic User (3 days) May 18 ALL-IN-1 Tailoring (3 days) May 6

ALL-IN-1/VMS WPS-PLUS for Managers (1 day) April 30

ALL-IN-1/VMS Basic WPS-PLUS (2 days) May 12

ALL-IN-1/VMS Advanced WPS-PLUS (1 day) May 14

PC ALL-IN-1 Basic User (3 days) May 18

Information Management Systems

DATATRIEVE I (1 day) May 4, 18 DATATRIEVE Report Writer (1 day) May 21 dBASE II/III[⊕] (2 days) April 28 VAX VTX Information Provider (3 days) April 28

Document Processing

DECpage (1 day) May 5, 26 EDT (1 day) May 21, 27 RUNOFF (1 day) May 19, 28 DECmate Basic WPS for Managers and Supervisors (1 day) April 21 Rainbow Basic WPS-PLUS (2 days) May 4 Rainbow Advanced WPS-PLUS (1 day) May 6 Rainbow Basic WPS-PLUS for Managers

(1 Day) May 14 Financial Applications

DECalc (2 days) May 6 Multiplan[®] (2 days) May 12, 19

Integrated Applications

Rainbow Applications for Managers (3 days) April 27; May 6

Business Graphics

PRO/SIGHT (1 day) May 18, 27 DECgraph (1 day) May 21 Rainbow Graphics (1 day) May 13, 21

Electronic Messaging and Communications

DECmail (1 day) May 18, 22
Rainbow Communications (½ day) May 11
DECmate Communications (½ day) May 22
dBase II/III is a trademark of Ashton-Tate. MS and
Multiplan are trademarks of Microsoft Corp. 1-2-3

and Symphony are trademarks of Lotus Develop-

America's Cup symposium to be held April 23

ment Corp.

A symposium on the MicroVAX II's role in the recent America's Cup yacht race will be held on Thursday, April 23 from 8:30 a.m. to 2:30 p.m. in the Mill Cafeteria Conference Room, MLO5-4. Sponsored by Low-End Systems and Technology MicroSystems Development (MSD) and Maynard Area Engineering Training (MAET), the seminar will show how the MicroVAX II and other Digital systems contributed to the efforts of both the American and the Australian teams. Industry experts from yacht racing, ship design, and meteorology, as well as software and hardware engineers, will discuss some of the ways in which Digital systems were used.

Jack Smith, senior vice president, and Ralph Dormitzer, manager, Electro-Mechanical Design and Support, will co-host the symposium.

All Digital employees are welcome, but seating is limited. Registration is being conducted through MAET's COURSES on-line enrollment system. Username and password are COURSES, and the course number is TSS-52.

For more information on content, contact Laurie Cotoia at DTN 223-3674 (MILRAT::COTOIA). For information on registration, contact Theresa McAllister at DTN 223-6602 (MILRAT::MCALLISTER.

Digital announces DECmove service

Digital has announced DECmove service, a comprehensive solution for moving computer equipment from one location to another.

Available to Digital on-site maintenance agreement customers, DECmove service provides complete deinstalling and reinstalling of computer equipment, complete risk insurance coverage, coordination with customers' moving schedules and an environmental survey of new customer locations.

Through DECmove service, Digital manages all aspects of the customer's move, including transportation and any necessary in-

terim storage of computer equipment. To ensure that the equipment operates properly at its new location, Digital engineers verify equipment operation prior to dismantling and run diagnostics after reinstallation. To minimize impact on the customer's operations, Digital surveys the customer's new site to ensure that existing environmental and power conditions are adequate.

Digital provides insurance on all moved computer equipment for all risks except war and nuclear disaster. Damaged equipment manufactured or supported by Digital is repaired or replaced immediately.

Boston area seminars for May

(Note: Seminars are frequently attended by both customers and employees. For registration information, call DTN 249-4949 or (617) 276-4949.)

RMS Structures and Utilities on VAX/VMS

May 4-6 Course No. EY-5224E-SO
Software Engineering Practices
May 4-6 Course No. EY-1592E-SO
Making Effective Use of Your MicroVMS
System: An Introduction

May 7-8 Course No. EY-5233E-SO

Designing FMS Forms for DATATRIEVE Applications

May 8 Course No. EY-5229E-SO

DECnet Design and Analysis

May 11-12 Course No. EY-1364E-SO

Systems Performance Management Using VAX SPM

May 12-14 Course No. EY-5259E-SO

VAX Rally Overview

May 14-15 Course No. EY-6783E-SO Performance Management In a UNIX® Environment

May 18-20 Course No. EY-5228E-SO VAX BASIC Version 3.0 Update Seminar May 18-19 Course No. EY-6792E-SO

VAX DATATRIEVE for the Business Professional

May 19-21 Course No. EY-1359E-SO Distributed Systems Management May 20-22 Course No. EY-6798E-SO

VMS System Security Features

May 20-22 Course No. EY-2403E-SO System Performance Management and Capacity Planning

May 20-22 Course No. EY-1009E-SO Advanced VAX DATATRIEVE

May 27-29 Course No. EY-1887E-SO
Laboratory Applications of the MicroVAX
II/VAXIab

May 28-29 Course No. EY-6784E-SO

Digital Management School I begins May 18

Digital Management School I (DMS I) will be held May 18-22 in Bedford. The course focuses on the skills, knowledge, and abilities that managers need to be successful at Digital. It is intended for first-line managers with six to 12 months' experience and should be taken at least six months after "Essentials for New Managers at Digital." This program will help first-line managers to understand Digital's unique philosophy and values so that they can implement the company's business goals in a changing culture. To register, contact the DME registrar at DTN 249-1881 or 249-1882.

International Women's Month observed at Mill



Field Headquarters Personnel celebrated International Women's Month with a panel discussion on women in the workplace, which was held at the Mill. Featured speakers were, seated from left, Dianne Durkin, Headquarters Sales Support manager; June Inuzuka, attorney and president of Pan-Asian American Women, Inc.; and Janet Smith Dickerson, dean of Swarthmore College, Swarthmore, Pa. Pictured standing from left are Laura Kangas Doerr, Managing Valuing Differences program manager, U.S. Field; Elsa Rodriguez, Celebrating Differences coordinator, Field Headquarters Personnel; Wanda Hackett, manager, Affirmative Action/Valuing Differences, Field Headquarters Personnel; and Tamara Payne, Valuing Differences intern.

Digital expands VAX integrated publishing through third party marketing agreements

Digital has announced three agreements to market third party products as part of VAX Integrated Publishing solutions — a Digital Distributed Software agreement to market Aldus PageMaker® desktop publishing software from Aldus Corp. and Cooperative Marketing Agreements to market a desktop image scanner from Microtek Labs, Inc., and BASIS® text information management systems (TIMS) software from Information Dimensions, Inc. (IDI).

Under the Digital Distributed Software (DDS) agreement signed with Aldus Corp., Digital customers may purchase PageMaker software directly from Digital. PageMaker will also be marketed as part of Digital's VAXmate[®] Publishing solution.

PageMaker, a widely used desktop publishing software package, will run on the VAXmate under the Microsoft Windows operating environment to enable users to bring text, graphics and image together in one document.

Under the CMP agreements, Digital will work closely with Microtek and IDI to market their products as part of VAX Integrated Publishing solutions.

The high resolution Model MS-300A scanner from Microtek expands the art and graphics options available to users of the VAXmate Publishing solution. It allows users to create electronic documents which incorporate images such as line art and photo-

graphs

The Microtek scanner utilizes three scanning modes; one for line art and text, which processes imagery composed entirely of black-and-white; one for halftones, which processes imagery composed of multiple shades of gray; and one for mixed pages. Software included with the scanner provides selection of these scanning modes, based on document requirements, as well as controlling resolution, contrast, brightness and gray scale settings.

BASIS text information management software allows VAX Departmental solution users to easily and efficiently access specific information by "indexing" the entire contents of textual and numeric documents which reside on a host system. Combined with a VAX host and ALL-IN-1[©] office and information management software, BASIS improves information flow within a department.

BASIS is designed to allow access to information contained in documents through a simple but powerful query language. It requires no programming to implement most applications. Once implemented, BASIS databases may be easily modified; new records and fields can be added and changed without reloading.

PageMakers is a registered trademark of Aldus Corporation. BASIS is a registered trademark of Information Dimensions Inc.

Digital Video Network sets 'IBM Interconnects' broadcast

The Digital Video Network (DVN) will broadcast "IBM Interconnects: New Product Announcement" on Thursday, April 16, from 3-5 p.m. Eastern time. Sponsored by Networks and Communications Marketing, this interactive program will feature a demonstration of software written for an IBM host, using the DECnet SNA Data Transfer Facility. The broadcast, which is aimed at Sales representatives and Sales support, will also cover the latest information concerning Digital's IBM interconnect strategy.

The program will be aired again on Thursday, May 7, from 2-4 p.m. Eastern time. Sales representatives are encouraged to invite their key customers to attend.

"IBM Interconnects" can be viewed at the following downlink sites in the Greater Maynard Area. Site coordinators' names are in parentheses.

Bedford (Mariann Polcari (acting), 249-4538)

Boylston (Marguerite Shaw, 245-2570) Chelmsford (Tom Ehnstron, 269-2441) Marlboro (Tammaris Mitchell, 297-2525) Parker Street (Alan Riggs, 223-6755) For current programming information,

phone the DVN Hotline at DTN 249-1620, 24 hours a day, seven days a week. ■

Parker Street cluster to celebrate Judaism next week

As part of its Celebrating Differences program, the Parker Street cluster will celebrate Judaism on Wednesday, April 15, from noon to 1 p.m. in the Maynard Conference Room, PKO3-1, Pole 7D. The topic is "Passover with a Rabbi: Some Things I Wish Other People Knew about Jews," a discussion with Rabbi Larry Kushner from Congregation Beth El of the Sudbury River Valley. All employees are welcome to attend. For more information, contact Els Knoppers, DTN 223-4213.

Hudson slates College Day

A College Day will be held at the Hudson cafeteria (HLO2-2) on Wednesday, April 29, from 9 a.m. to 1 p.m. Representatives from more than 20 area colleges and universities will provide information on graduate and undergraduate programs in fields such as engineering, science, business, and liberal arts. Information on non-credit continuing education courses will be available as well.

The event is open to all Digital employees. For more information, contact Cathy Hatch on HUDSON::HATCH or HUDSON::LIGHT