



INSTALLATION AND PROGRAMMING MANUAL

AFP-300/400

**INTELLIGENT FIRE
DETECTION AND
ALARM SYSTEM**

**SOFTWARE VERSION 2.2
REVISION AUS 3**

NSW (Head Office)
7 Columbia Court
Norwest Business Park
Baulkham Hills NSW 2153

Ph: (02) 9899-4155
Fax: (02) 9899-4156

Notifier Inertia Pty Ltd (A.C.N 092 692 962)
A RITTWAY COMPANY
www.inertia.com.au

QLD
16 Lucy St
Moonrooka
Qld 4104

Ph: (07) 3892-6444
Fax: (07) 3892-6455

VIC
Unit 2 297 Ingles St
Port Melbourne
Vic 3207

Ph: (03) 9681-9929
Fax: (03) 9681-9930

Notifier Afp 400 Programming Manual

Mark Luker



Notifier Afp 400 Programming Manual:

CALLS Programming Manual Mark Luker,1978
Bailey,1974

Programming Manual Morris A. Knapp,William Behr,James F.

Whispering the Techniques of Language: An Psychological Journey through **Notifier Afp 400 Programming Manual**

In a digitally-driven world wherever displays reign supreme and instant communication drowns out the subtleties of language, the profound secrets and psychological nuances concealed within words usually get unheard. However, situated within the pages of **Notifier Afp 400 Programming Manual** a captivating literary value sporting with raw emotions, lies an extraordinary quest waiting to be undertaken. Written by a talented wordsmith, this marvelous opus attracts visitors on an introspective trip, delicately unraveling the veiled truths and profound influence resonating within ab muscles cloth of every word. Within the mental depths of the touching review, we can embark upon a sincere exploration of the book is core themes, dissect its captivating publishing model, and succumb to the powerful resonance it evokes heavy within the recesses of readers hearts.

<https://crm.avenza.com/About/publication/default.aspx/pool%20lifeguard%20written%20test%20study%20guide.pdf>

Table of Contents Notifier Afp 400 Programming Manual

1. Understanding the eBook Notifier Afp 400 Programming Manual
 - The Rise of Digital Reading Notifier Afp 400 Programming Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Notifier Afp 400 Programming Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Notifier Afp 400 Programming Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Notifier Afp 400 Programming Manual
 - Personalized Recommendations

- Notifier Afp 400 Programming Manual User Reviews and Ratings
- Notifier Afp 400 Programming Manual and Bestseller Lists
- 5. Accessing Notifier Afp 400 Programming Manual Free and Paid eBooks
 - Notifier Afp 400 Programming Manual Public Domain eBooks
 - Notifier Afp 400 Programming Manual eBook Subscription Services
 - Notifier Afp 400 Programming Manual Budget-Friendly Options
- 6. Navigating Notifier Afp 400 Programming Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Notifier Afp 400 Programming Manual Compatibility with Devices
 - Notifier Afp 400 Programming Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Notifier Afp 400 Programming Manual
 - Highlighting and Note-Taking Notifier Afp 400 Programming Manual
 - Interactive Elements Notifier Afp 400 Programming Manual
- 8. Staying Engaged with Notifier Afp 400 Programming Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Notifier Afp 400 Programming Manual
- 9. Balancing eBooks and Physical Books Notifier Afp 400 Programming Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Notifier Afp 400 Programming Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Notifier Afp 400 Programming Manual
 - Setting Reading Goals Notifier Afp 400 Programming Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Notifier Afp 400 Programming Manual
 - Fact-Checking eBook Content of Notifier Afp 400 Programming Manual

- Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

Notifier Afp 400 Programming Manual Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Notifier Afp 400 Programming Manual free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Notifier Afp 400 Programming Manual free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced

search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Notifier Afp 400 Programming Manual free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Notifier Afp 400 Programming Manual. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Notifier Afp 400 Programming Manual any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Notifier Afp 400 Programming Manual Books

What is a Notifier Afp 400 Programming Manual PDF? A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. **How do I create a Notifier Afp 400 Programming Manual PDF?** There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. **How do I edit a Notifier Afp 400 Programming Manual PDF?** Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. **How do I convert a Notifier Afp 400 Programming Manual PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. **How do I password-protect a Notifier Afp 400 Programming Manual PDF?** Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file?

You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

Find Notifier Afp 400 Programming Manual :

~~pool lifeguard written test study guide~~

~~porky pig episode guide~~

pool of twilight

pontiac solstice 2015 service repair manual

pontiac montana window switch connection diagram

police sergeant in basket samples

population biology study guide answer key

pond life unit for elementary students

population control concept map answer key

pork shoulder country style boneless ribs recipe

polycom soundstation ex manual

polycom ip 55admin guide

~~polycom ip 550 admin guide~~

policies and procedures manual template hardware store

pop culture essay ideas

Notifier Afp 400 Programming Manual :

the modern periodic table bbc bitesize - Feb 27 2023

web the modern periodic table key points metals are found on the left of the periodic table and non metals on the right the periodic table is periodic table activity play this game to learn about lots of different elements in the periodic table can water

be video while you re watching look

[the periodic table edexcel the modern periodic table bbc](#) - Jan 29 2023

web the modern periodic table atomic number and protons the atomic number of an element was originally just its position on the periodic table after the discovery of protons scientists

[periodic table ptable](#) - May 01 2023

web for elements with no stable isotopes the mass number of the isotope with the longest half life is in parentheses

interactive periodic table showing names electrons and oxidation states visualize trends 3d orbitals isotopes and mix

periodic table definition elements groups charges trends - Jun 02 2023

web oct 23 2023 the periodic table has two rows at the bottom that are usually split out from the main body of the table

these rows contain elements in the lanthanoid and actinoid series usually from 57 to 71 lanthanum to lutetium and

[3 1 development of the modern periodic table](#) - Oct 26 2022

web figure 3 1 2 3 1 2 dmitri mendeleev the father of the modern periodic table from 1867 to 1890 dmitri served as a professor of general chemistry at st petersburg university in his lifetime he published more than 400 articles and books two of these works were noted in textbooks in general and organic chemistry

[periodic table of elements iupac international union of pure](#) - Jul 03 2023

web the latest release of the periodic table dated 4 may 2022 includes the most recent abridged standard atomic weight values released by the iupac commission on isotopic abundances and atomic weights compiled as part of

[periodic table wikipedia](#) - Sep 05 2023

web the periodic table and law are now a central and indispensable part of modern chemistry the periodic table continues to evolve with the progress of science in nature only elements up to atomic number 94 exist to go further it was necessary to synthesise new elements in the laboratory

6 4 modern periodic table periods and groups - Mar 31 2023

web sep 20 2022 the modern periodic table the periodic table has undergone extensive changes in the time since it was originally developed by mendeleev and moseley many new elements have been discovered while others have been artificially synthesized each fits properly into a group of elements with similar properties

[2 5 mendeleev and periodic table chemistry libretexts](#) - Sep 24 2022

web the modern periodic table was based on empirical correlations of properties such as atomic mass early models using limited data noted the existence of triads and octaves of elements with similar properties

modern periodic table and its significance byju s - Mar 19 2022

web modern periodic table and its significance history of the periodic table earlier scientists assumed that the properties of

elements are periodic functions of table of content moseleys periodic law in the year 1913 henry moseley studied the frequencies of the x rays which were emitted

periodic table royal society of chemistry - Aug 04 2023

web periodic table the royal society of chemistry s interactive periodic table features history alchemy podcasts videos and data trends across the periodic table click the tabs at the top to explore each section

the periodic table bbc bitesize - Nov 26 2022

web the modern periodic table is based closely on the ideas he used the elements are shown by the symbol for their atom the elements are arranged in mass order order of increasing atomic number

development of the periodic table the royal society of chemistry - Dec 28 2022

web the modern periodic table lists the elements in order of increasing atomic number the number of protons in the nucleus of an atom historically however relative atomic masses were used by scientists trying to organise the elements

periodic table learn atomic structure periodic trends khan academy - May 21 2022

web chemistry library 20 units 54 skills unit 1 atoms compounds and ions unit 2 more about atoms unit 3 more about molecular composition unit 4 mass spectrometry unit 5 chemical reactions and stoichiometry unit 6 more about chemical reactions unit 7 electronic structure of atoms unit 8 periodic table

modern periodic table read chemistry ck 12 foundation - Apr 19 2022

web nov 1 2012 resources modern periodic table figure1 look at substances a c in the photos above they look very different from one another but they have something important in common all three are elements or pure substances can you identify which elements they are for ideas listen to the amazing elements song below

periodic table of elements byju s - Feb 15 2022

web may 25 2023 the modern or long form of the periodic table is based on the modern periodic law the table is the arrangement of elements in increasing order of their atomic numbers the modern periodic table is the present form of the periodic table and it consists of 18 vertical columns and 7 horizontal rows

the modern periodic table video khan academy - Jun 21 2022

web the modern periodic table is based on the periodic law the chemical properties of elements are a periodic function of their atomic number let s see how is this different from mendeleev s periodic table and how this solves for its predecessor s limitations

periodic table of elements pubchem - Oct 06 2023

web interactive periodic table with up to date element property data collected from authoritative sources look up chemical element names symbols atomic masses and other properties visualize trends or even test your elements knowledge by

playing a periodic table game

[2 10 the periodic table chemistry libretexts](#) - Aug 24 2022

web by the twentieth century it became apparent that the periodic relationship involved atomic numbers rather than atomic masses the modern statement of this relationship the periodic law is as follows the properties of the elements are periodic functions of their atomic numbers a modern periodic table arranges the elements in increasing order of

the periodic table ocr gateway the modern periodic table bbc - Jul 23 2022

web mendeleev made an early periodic table in the modern table elements are put in order of atomic number into periods and groups electron arrangements model how electrons are arranged in atoms in

[transaction processing facility infogalactic](#) - Aug 24 2022

web read the latest in depth z transaction processing facility tpf reviews from real users verified by gartner peer insights and choose your business software with confidence

[ibm z transaction processing facility](#) - Sep 05 2023

web transaction processing facility tpf is an ibm real time operating system for mainframe computers descended from the ibm system 360 family including zseries and system

[transaction processing facility codedocs](#) - Aug 04 2023

ibm transaction processing facility tpf 1960 unlike most other transaction processing systems tpf is a dedicated operating system for transaction processing on ibm system z mainframes originally airline control program acp ibm information management system ims 1966 a joint hierarchical database and information management system with extensive transaction processing capabilities runs on os 360 and successors

[transaction processing facility wikipedia](#) - Oct 06 2023

web what is z transaction processing facility ibm z transaction processing facility z tpf is a high volume high throughput transaction processor that can handle large

[transaction processing facility alchetron the free social](#) - Dec 16 2021

[organization transaction processing facility handwiki](#) - Jan 17 2022

[category transaction processing wikipedia](#) - Jun 21 2022

web transaction processing facilities are recognized as essential elements in reliable commercial applications by a transaction facility we mean a collection of components

[z tpf application modernization using standard and](#) - Oct 26 2022

web a transaction processing system or tps refers to an information processing system used for business transactions that involve the retrieval collection and modification of

visa expands global transaction processing with - Nov 26 2022

web transaction processing facility history tpf evolved from the airlines control program acp a free package developed in the mid 1960s by ibm in users current users

z transaction processing facility tpf reviews gartner - May 21 2022

web noun technical meaning of transaction processing facility operating system tpf a real time mainframe operating system released by ibm around 1976 tpf is particularly

ibm z transaction processing facility overview and enterprise - Sep 24 2022

web transaction processing pseudoconversational transaction a acid advanced synchronization facility application control management system atomic commit

high performance distributed transaction processing in a - Mar 19 2022

web dec 16 2022 transaction processing facility tpf is an ibm realtime operating system for mainframe computers

descended from the ibm system360 family including zseries

transaction processing system wikipedia - Jul 03 2023

web may 12 2022 the transaction processing facility tpf is a legacy mainframe operating system originally developed by ibm tpf was designed for high volume

mainframe operating system z tpf ibm - Mar 31 2023

web transaction processing facility tpf is an ibm real time operating system for mainframe computers descended from the ibm system 360 family including zseries and system z9

transaction processing facility wikipedia republished wiki 2 - Nov 14 2021

transaction processing facility word panda - Feb 15 2022

web oct 19 2023 transaction processing facility tpf is an ibm real time operating system for mainframe computers

descended from the ibm system 360 family including zseries

visa expands global transaction processing with facilities in - May 01 2023

web the z transaction processing facility z tpf operating system is a special purpose system that is used by companies with very high transaction volume such as credit

transaction processing system tps what is it example types - Jul 23 2022

web speaking videos 4 75k subscribers transaction processing facility transaction processing facility tpf is an ibm real time

operating system for mainframe computers

introduction to the z tpf system ibm - Dec 28 2022

web jan 26 2010 ibm transaction processing facility tpf with its latest version being ibm z transaction processing facility z tpf enterprise edition v1 1 has a lineage

about transaction processing facility dbpedia association - Feb 27 2023

web the z transaction processing facility enterprise edition z tpf system is a high performance operating system designed to provide high availability for demanding high

product overview for z tpf ibm - Jan 29 2023

web a z architecture 1 configuration see figure 1 used by the z tpf system incorporates multiple central processing units cpus that are packaged together to share main

transaction processing facility youtube - Apr 19 2022

web transaction processing facility tpf 2 is an ibm real time operating system for mainframe computers descended from the ibm system 360 family including zseries and

history of the ibm transaction processing facility insights for - Jun 02 2023

web 07 26 2017 new processing centres designed to meet the growing demand for digital payments around the world visa nyse v a global payments technology company

janome memory craft 9000 service manual pdf - Jun 22 2022

web view and download janome memory craft 9000 service manual online memory craft 9000 sewing machine pdf manual download

janome mc10000 free digital manuals pocono sew vac - Nov 27 2022

web filter janome mc10000 free digital manuals janome mc10000 professional style embroidery manual janome mc10000 advanced sewing manual janome mc10000 general overview back to machine sales info needle plates bobbin covers stabilizers embroidery supplies software upgrades updates

troubleshooting a janome sewing machine fix repair guide - Sep 25 2022

web the janome website refers you to your owner s manual for the right procedure to follow every time you want to service your janome sewing machine it also focuses on keeping your bobbin area clean and changing the needle after 8 hours of service

need a janome manual many available for download here janome - Aug 05 2023

web need a janome manual many available for download here pdf manuals are free to download and easy to search are you missing your sewing machine or serger manual or would you like it in an electronic format for fast searches you can find

downloadable manuals in the pdf format pdf in the machine section of our website

janome memory craft 10000 manuals manualslib - Jul 04 2023

web we have 3 janome memory craft 10000 manuals available for free pdf download sewing manual general information manual embroidery manual janome memory craft 10000 general information manual 82 pages brand janome category sewing machine size 9 99 mb table of contents safety instructions 2 table of contents 4 name of

janome 10000 memory craft sewing machine service parts manual - Apr 01 2023

web janome 10000 memory craft sewing machine service parts manual adjust key position of touch screen needle threader stretch feed balance hook timing needle drop position micro switch unit embroidery foot height zigzag width rod buttonhole lever lower shaft touch panel photo interrupter unit bushing

janome memory craft 10000 owner manual manualzz - Feb 16 2022

web owner s manual janome memory craft 10000 owner manual parets e he 7 important safety instructions your sewing machine is designed and constructed only for household use read all instructions before using this sewing machine danger o reduce the risk of electric shock 1

service manual janome mc10000 sewing parts online - Dec 29 2022

web janome mc10000 memory craft 10000 service machine instruction manual 39 pages the physical copy of the instruction manual is a soft cover printed check out the deal on service manual janome mc10000 at sewing parts online

janome mc10000 service manual parts list memory craft 10000 - Jan 30 2023

web sep 10 2023 12 50 janome mc10000 service manual parts list memory craft 10000 mc 10000 servicing manual schematics parkslopesewing add to cart item details related searches janome sewing janome embroidery service manual repair manual diy pdf download tools equipment other reviews from this shop

janome sewing machine manuals free downloads - Feb 28 2023

web all janome sewing machine manuals are available for immediate free download in acrobat pdf format get everything you need for your janome machine online with sewing machines plus 800 401 8151 janome 102 manual in english pdf 19 99 0 00 janome 105 106 manual in english french pdf 19 99 0 00

janome 10000 memory craft instruction manual - Mar 20 2022

web janome 10000 memory craft instruction manual includes threading machine bobbin winding changing needles attaching knee lifter built in designs pc card designs cart reader 10000 replacing light bulb cleaning the hook race and feed dog much more 78 page instruction owners manual janome 10000 memory craft instruction manual

memory craft 10000 memory craft 10001 janome america - May 02 2023

web the two closest dealers to you are quality sewing vacuum 14315 ne 20th st ste a bellevue wa 98007

janome memory craft 10001 servicing manual pdf - Sep 06 2023

web view and download janome memory craft 10001 servicing manual online memory craft 10001 sewing machine pdf manual download

janome 10000 repair manual yunqian info - Jan 18 2022

web at gimmemanuals we collect popular and hard to find owner s manuals and then archive them in an easy to search way janome 10000 repair manual craftsman motorcycle jack manual 50190 manual bottle filler beer gc760av manual roland cm 300 vinyl cutter manual micor repeater manual ignis akl 906 manual

janome memory craft 10001 instruction manual pdf - Apr 20 2022

web step 1 the machine will sew the front bartack and the left row first page 62 janome mc10001 instruction manual changing buttonhole width adjust press the key the adjusting window opens adjust press the key to increase the buttonhole width press the key to decrease the buttonhole width

janome 10000 repair manual yunqian info - Nov 15 2021

web after having used other manual sites this is the best one hands down have been using it since i found it and it is very easy to use janome 10000 repair manual laboratory manual for human biology concepts and current issues km 2050 service manual download shimano nexus 8 manual exora manual vs auto pltw purchasing manual

user manual janome memory craft 10000 77 pages - Jul 24 2022

web manual janome memory craft 10000 page 1 77 manual view the manual for the janome memory craft 10000 here for free this manual comes under the category sewing machines and has been rated by 4 people with an average of a 9 1 this manual is available in the following languages

janome memory craft 10000 general information manual - Jun 03 2023

web view and download janome memory craft 10000 general information manual online memory craft 10000 sewing machine pdf manual download

janome memory craft 10000 sewing manual pdf download manualslib - Oct 07 2023

web view and download janome memory craft 10000 sewing manual online advanced sewing memory craft 10000 sewing machine pdf manual download

janome service manuals service manual net - Aug 25 2022

web janome tb30 tb 30 sm5030c dc4030 computerized sewing machine service manual 9 99

janome 10000 repair manual - Dec 17 2021

web apr 11 2022 janome 10000 repair manual apr 11 2022 04 22 by nec interchannel manuals atari 45 320 45k manuals for makita products close search begin typing to search use arrow keys to navigate enter to select touch devices users

janome sewing machines troubleshooting and repair guide - May 22 2022

web 1 not stitching if your janome sewing machine refuses to stitch several different issues could be at play go through these steps to try to figure out the root cause check the power cord and foot pedal plugs it sounds silly but if something wobbled loose you might just need to reconnect a plug or cord

software manuals janome america - Oct 27 2022

web if you do not see your machine on this list please check in retired machines